

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091944.D
 Acq On : 24 Dec 2016 1:58
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 24 03:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	204536	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	872525	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	432249	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	629161	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	394273	20.00	ng	-0.01
86) Perylene-d12	15.29	264	402564	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1778488	145.19	ng	0.05
7) Phenol-d6	6.43	99	2138022	142.96	ng	0.02
23) Nitrobenzene-d5	7.31	82	1415401	90.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	479853	134.14	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2147534	104.80	ng	-0.01
78) Terphenyl-d14	12.84	244	1522048	93.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	300626	49.85	ng	98
3) Pyridine	3.02	79	908297	43.15	ng	100
4) n-Nitrosodimethylamine	3.00	42	389254	49.03	ng	97
6) Aniline	6.42	93	314261	16.18	ng	# 59
8) 2-Chlorophenol	6.54	128	663777	47.64	ng	98
9) Benzaldehyde	6.28	77	92936	8.34	ng	97
10) Phenol	6.44	94	707344	41.50	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	700949	51.69	ng	96
12) 1,3-Dichlorobenzene	6.68	146	691959	46.52	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	702300	46.39	ng	95
14) 1,2-Dichlorobenzene	6.91	146	569397	43.34	ng	97
15) Benzyl Alcohol	6.90	79	463300	39.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	904574	44.80	ng	89
17) 2-Methylphenol	7.05	107	559752	49.95	ng	95
18) Hexachloroethane	7.25	117	260377	46.39	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	543951	54.67	ng	92
20) 3+4-Methylphenols	7.20	107	754411	56.44	ng	# 71
22) Acetophenone	7.16	105	998250	46.38	ng	# 89
24) Nitrobenzene	7.33	77	765120	45.78	ng	96
25) Isophorone	7.57	82	1242271	42.91	ng	96
26) 2-Nitrophenol	7.65	139	360013	43.68	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	537776	39.34	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	884172	50.37	ng	99
29) 2,4-Dichlorophenol	7.90	162	541608	46.79	ng	85
30) 1,2,4-Trichlorobenzene	7.97	180	570335	44.96	ng	96
31) Naphthalene	8.05	128	1919534	48.07	ng	99
32) Benzoic acid	7.87	122	363253	35.83	ng	91
33) 4-Chloroaniline	8.13	127	132701	7.37	ng	97
34) Hexachlorobutadiene	8.17	225	305968	45.70	ng	100
35) Caprolactam	8.49	113	158519	41.67	ng	# 65
36) 4-Chloro-3-methylphenol	8.62	107	577976	43.39	ng	99
37) 2-Methylnaphthalene	8.74	142	1163057	50.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	538331	49.29	ng	99
40) Hexachlorocyclopentadiene	8.90	237	314201	65.37	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091944.D
 Acq On : 24 Dec 2016 1:58
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 24 03:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

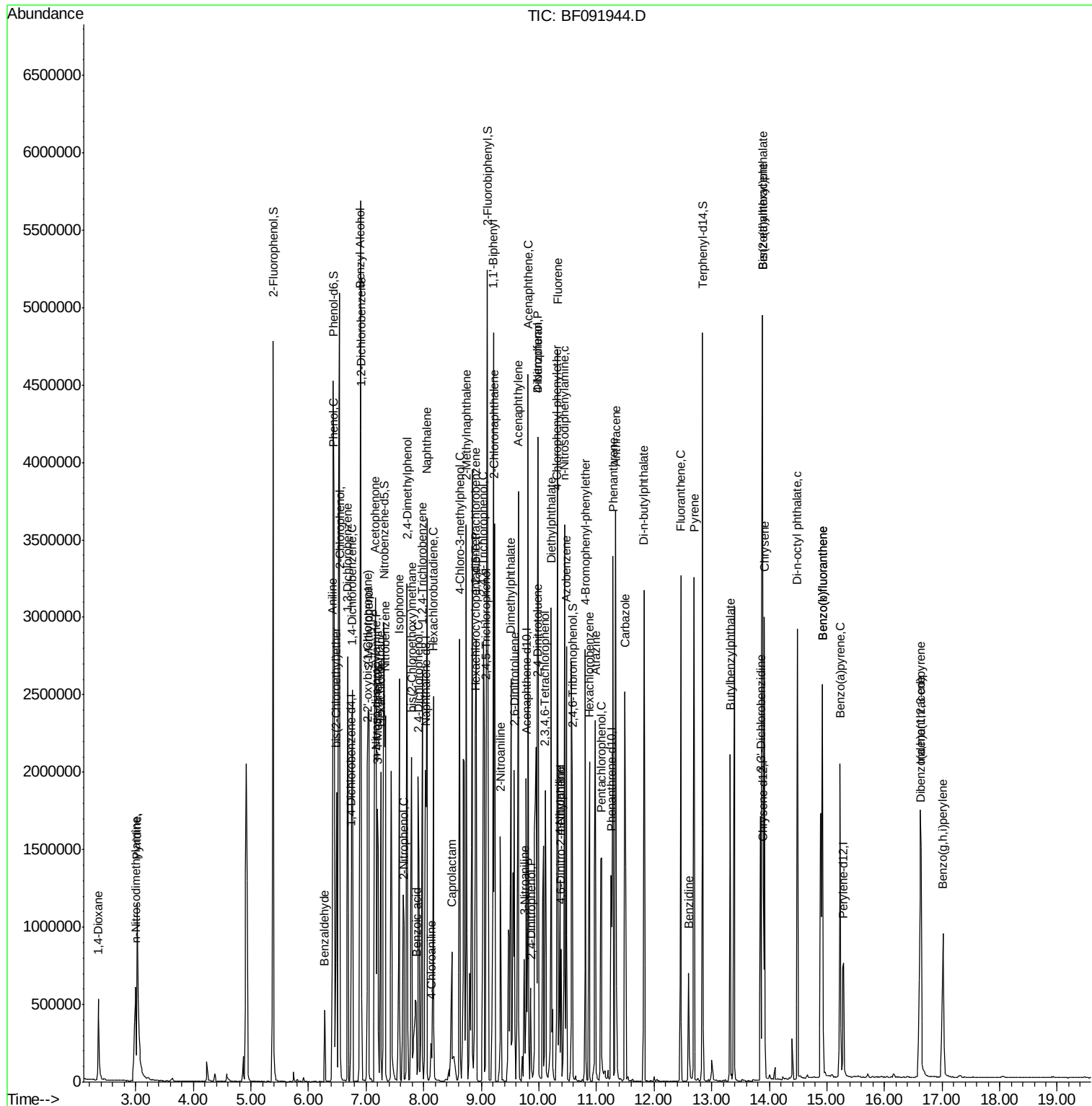
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	349207	45.72	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	325203	41.37	ng	95
45) 1,1'-Biphenyl	9.21	154	1473917	49.80	ng	99
46) 2-Chloronaphthalene	9.23	162	1074957	45.86	ng	96
47) 2-Nitroaniline	9.33	65	323564	38.77	ng	98
48) Acenaphthylene	9.64	152	1581264	43.87	ng	99
49) Dimethylphthalate	9.52	163	1318932	47.71	ng	99
50) 2,6-Dinitrotoluene	9.57	165	250923	41.47	ng	# 63
51) Acenaphthene	9.81	154	1014245	41.50	ng	99
52) 3-Nitroaniline	9.74	138	123674	16.52	ng	98
53) 2,4-Dinitrophenol	9.86	184	122636	36.42	ng	96
54) Dibenzofuran	9.98	168	1347409	40.83	ng	96
55) 4-Nitrophenol	9.98	139	929528	182.82	ng	# 7
56) 2,4-Dinitrotoluene	9.97	165	343402	45.22	ng	# 78
57) Fluorene	10.33	166	1086600	45.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	255722	41.14	ng	99
59) Diethylphthalate	10.21	149	1291296	48.10	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	484325	46.07	ng	97
61) 4-Nitroaniline	10.36	138	231771	29.87	ng	99
62) Azobenzene	10.48	77	1296313	43.85	ng	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	108391	28.49	ng	# 59
65) n-Nitrosodiphenylamine	10.44	169	930364	49.83	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	316673	48.39	ng	98
67) Hexachlorobenzene	10.88	284	344685	49.27	ng	98
68) Atrazine	10.98	200	330647	54.90	ng	97
69) Pentachlorophenol	11.08	266	277539	80.85	ng	98
70) Phenanthrene	11.29	178	1630078	47.78	ng	99
71) Anthracene	11.33	178	1435942	48.93	ng	99
72) Carbazole	11.49	167	1283835	46.28	ng	98
73) Di-n-butylphthalate	11.82	149	1664334	52.14	ng	99
74) Fluoranthene	12.46	202	1289855	42.92	ng	97
76) Benzidine	12.60	184	475012	48.08	ng	97
77) Pyrene	12.69	202	1331284	46.02	ng	99
79) Butylbenzylphthalate	13.32	149	664450	50.50	ng	# 79
80) Benzo(a)anthracene	13.88	228	1012023	45.47	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	362138	42.91	ng	# 95
82) Chrysene	13.92	228	1019033	45.65	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	809726	52.26	ng	# 97
84) Di-n-octyl phthalate	14.49	149	1354515	47.19	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	976026	50.47	ng	99
87) Benzo(b)fluoranthene	14.92	252	2129605	84.97	ng	98
88) Benzo(k)fluoranthene	14.92	252	2129605	99.64	ng	99
89) Benzo(a)pyrene	15.23	252	1019233	45.82	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	814693	44.56	ng	96
91) Benzo(g,h,i)perylene	17.01	276	788297	41.46	ng	# 95

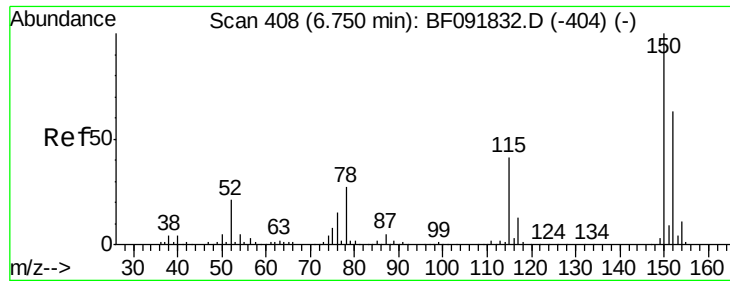
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091944.D
 Acq On : 24 Dec 2016 1:58
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 24 03:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

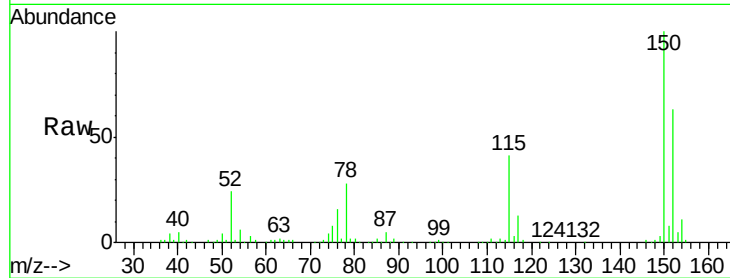
Tgt Ion:152 Resp: 204536

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

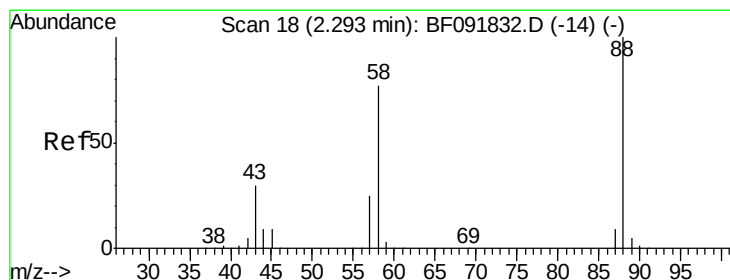
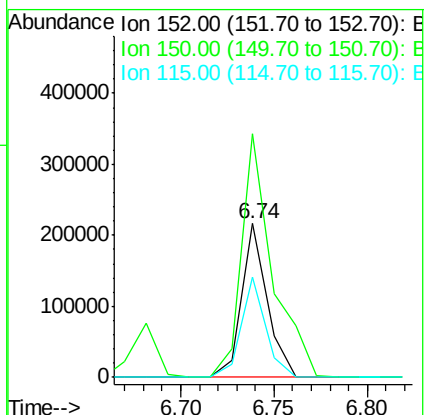
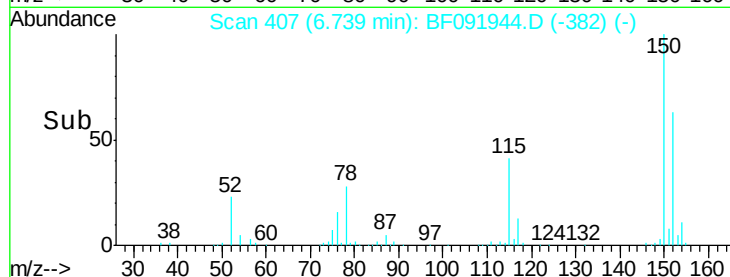
115 65.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.85 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

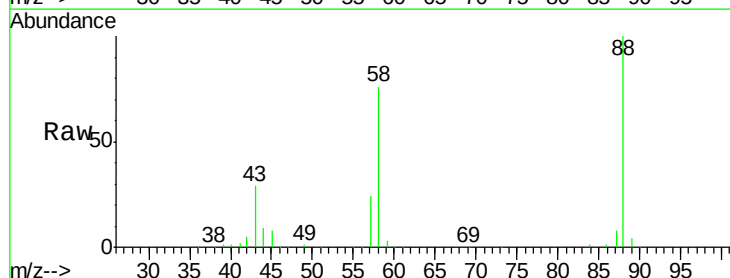
Tgt Ion: 88 Resp: 300626

Ion Ratio Lower Upper

88 100

58 74.1 57.8 86.8

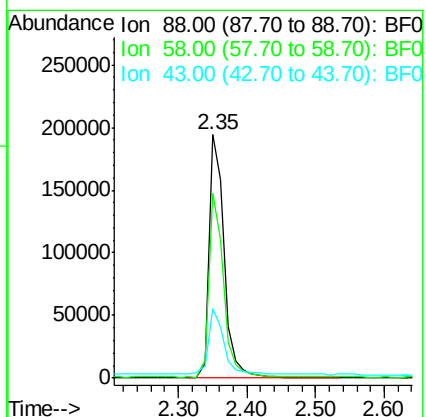
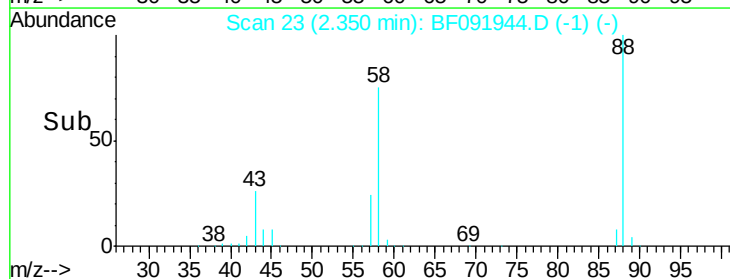
43 28.1 22.3 33.5

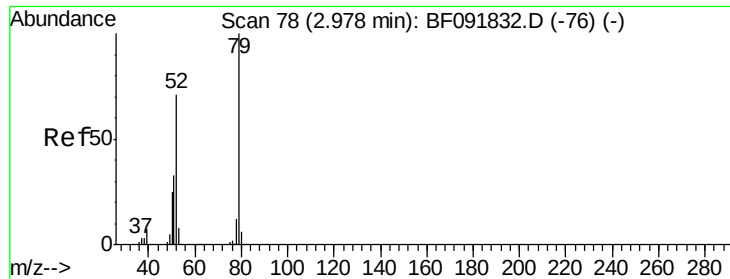


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.15 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.05 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

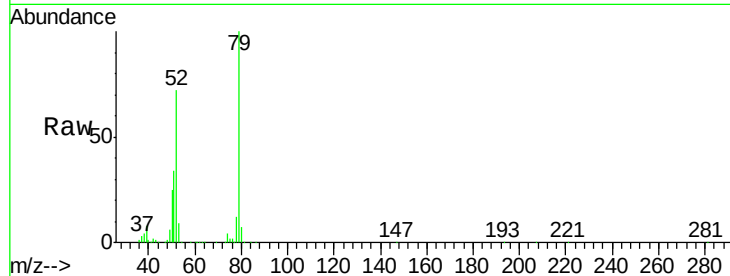
Tgt Ion: 79 Resp: 908297

Ion Ratio Lower Upper

79 100

52 71.9 57.1 85.7

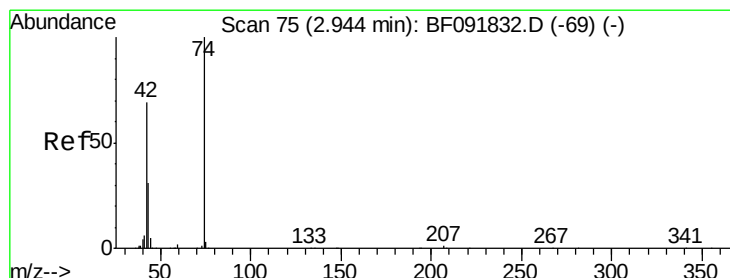
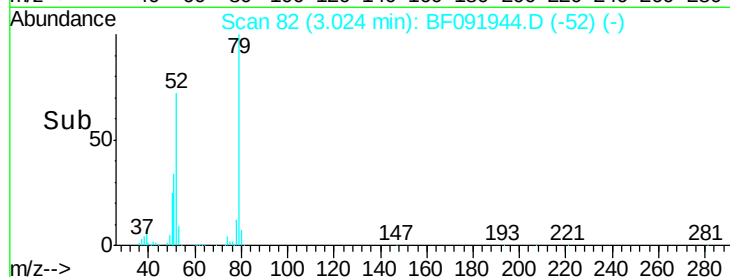
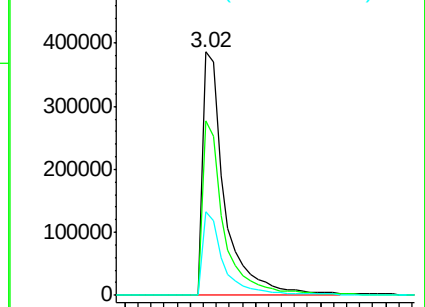
51 34.1 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.03 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.06 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

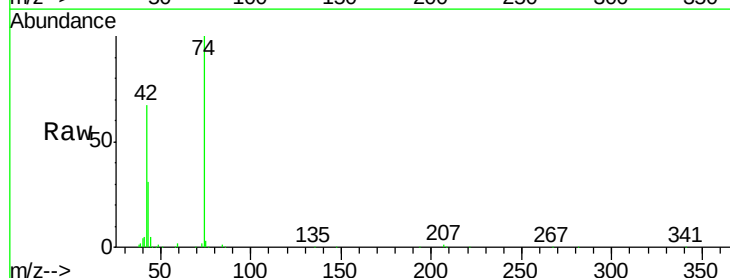
Tgt Ion: 42 Resp: 389254

Ion Ratio Lower Upper

42 100

74 149.8 117.0 175.4

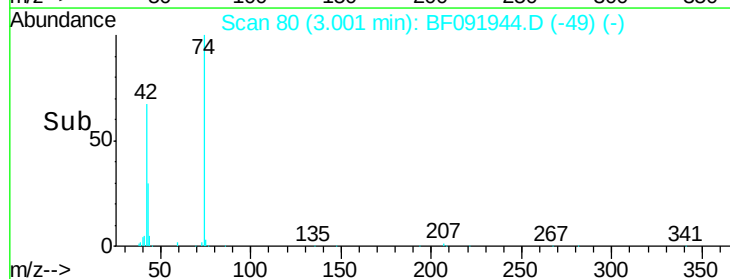
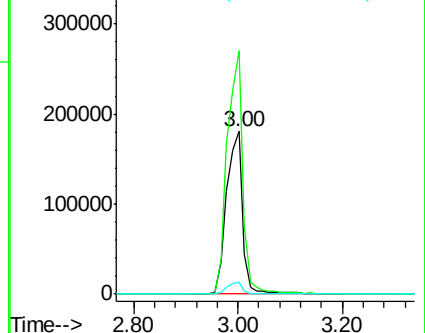
44 7.0 5.5 8.3

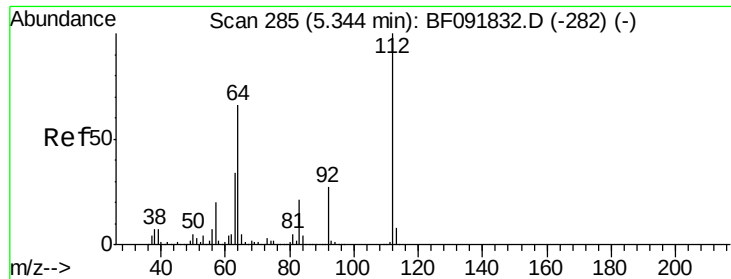


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 145.19 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

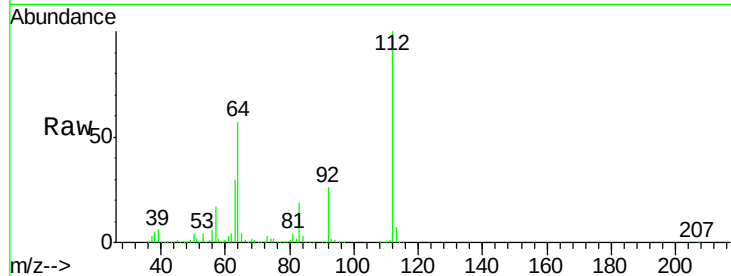
Tgt Ion:112 Resp: 1778488

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

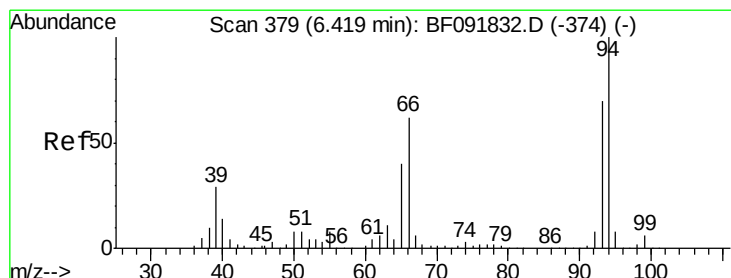
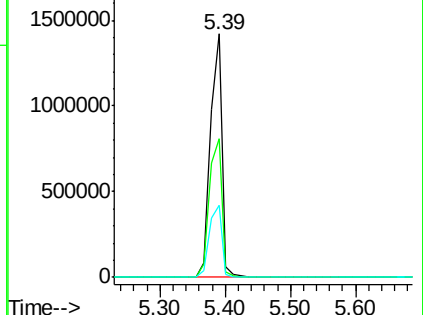
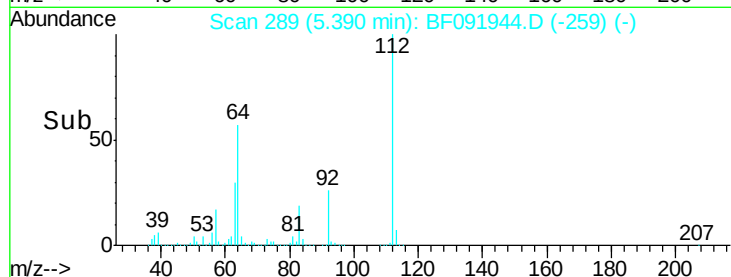
63 29.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.18 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

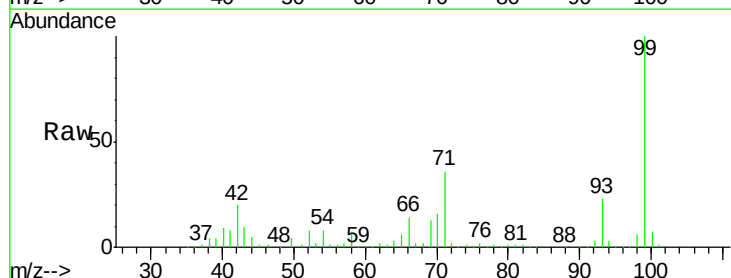
Tgt Ion: 93 Resp: 314261

Ion Ratio Lower Upper

93 100

66 59.8 76.2 114.2#

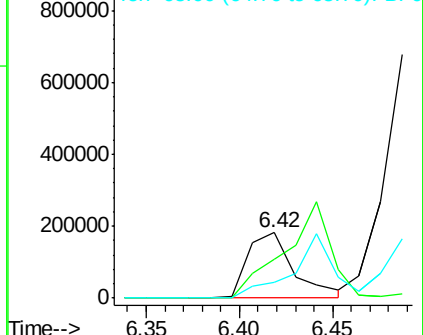
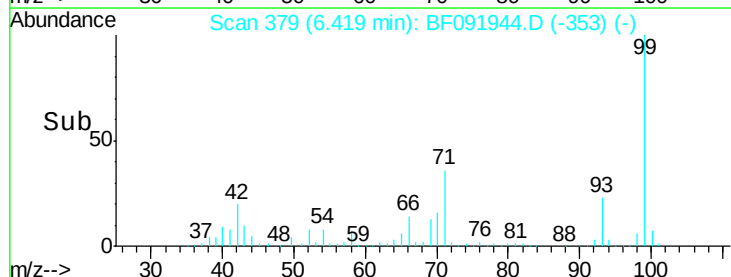
65 23.9 49.3 73.9#

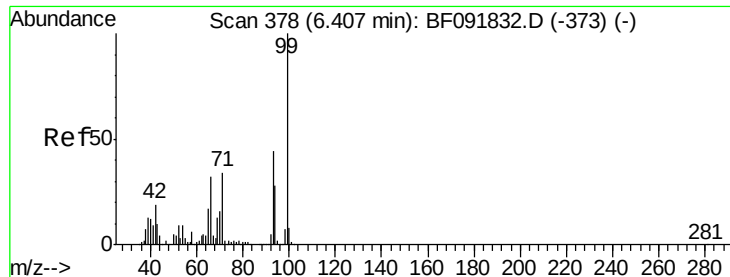


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.96 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

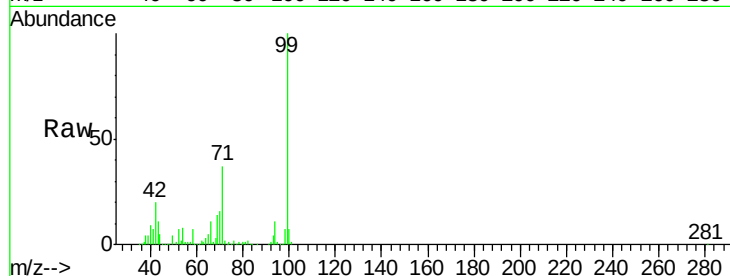
Tgt Ion: 99 Resp: 2138022

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

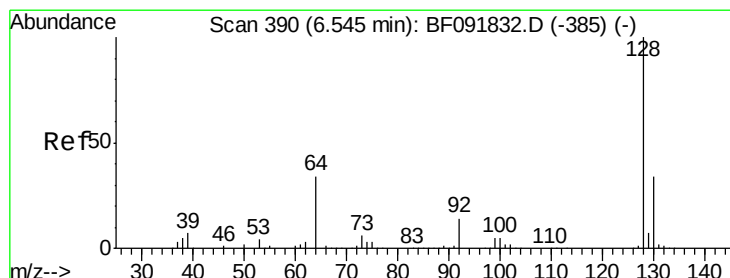
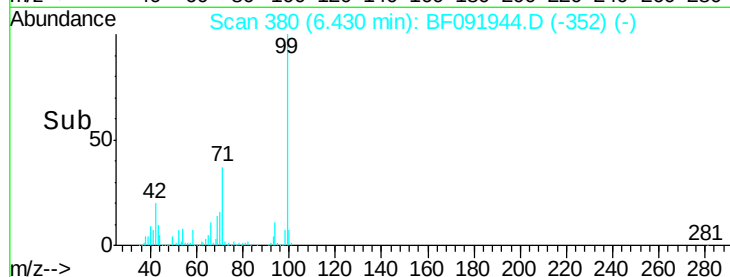
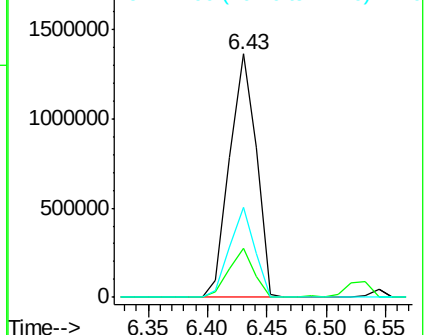
71 36.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.64 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

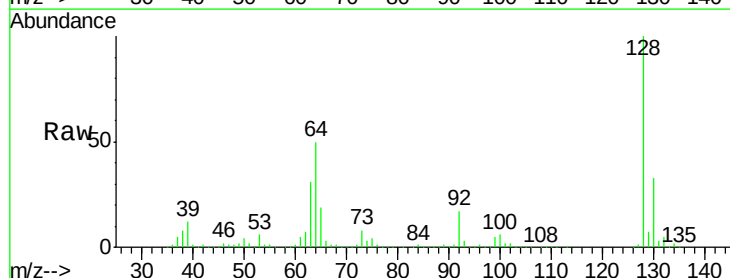
Tgt Ion: 128 Resp: 663777

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

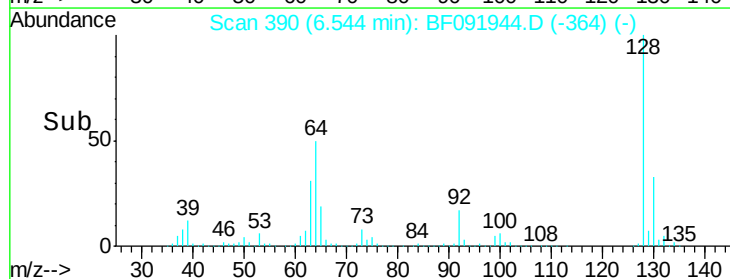
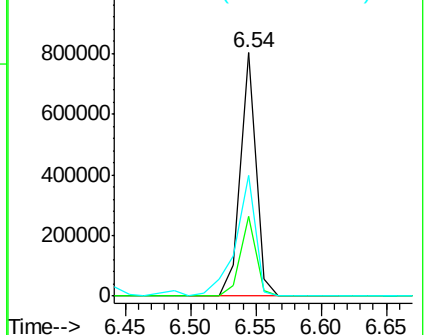
64 49.8 32.2 72.2

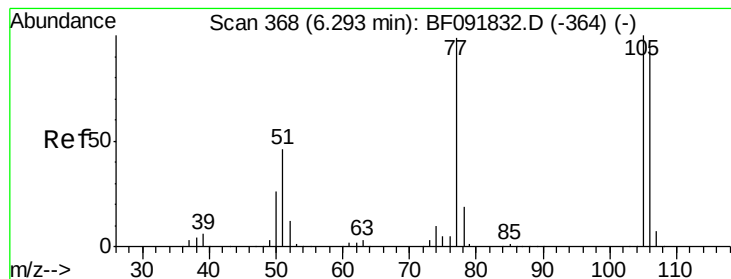


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.34 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

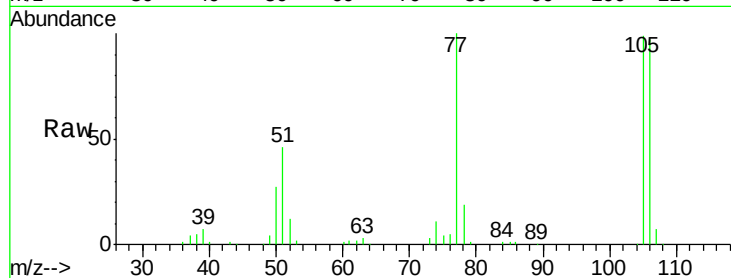
Tgt Ion: 77 Resp: 92936

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

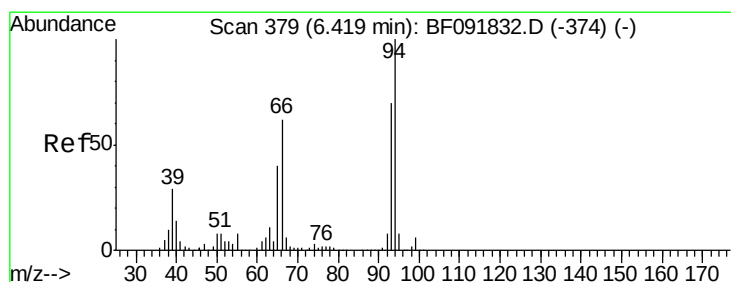
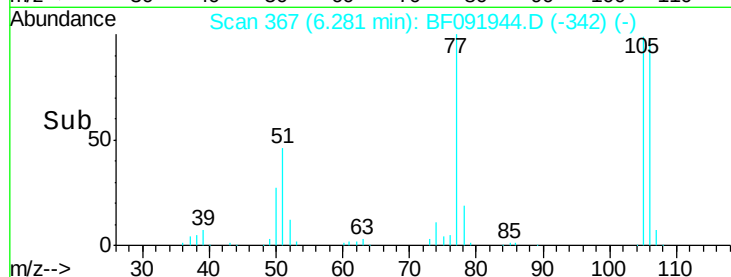
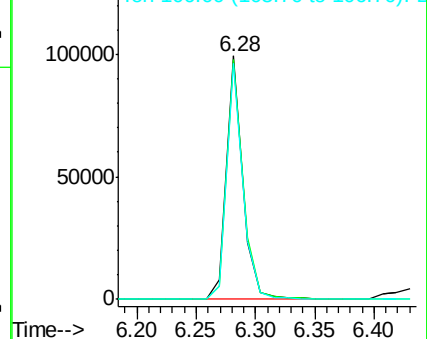
106 96.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.50 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

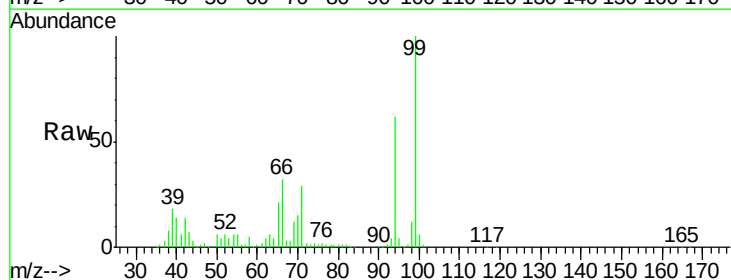
Tgt Ion: 94 Resp: 707344

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

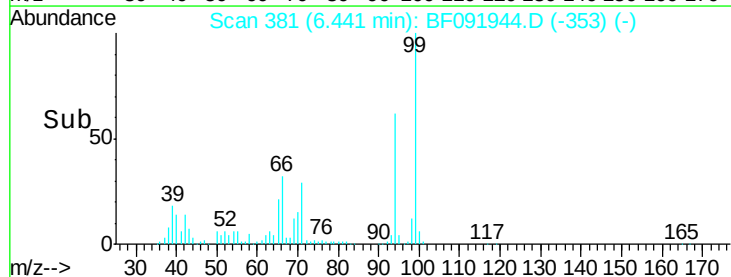
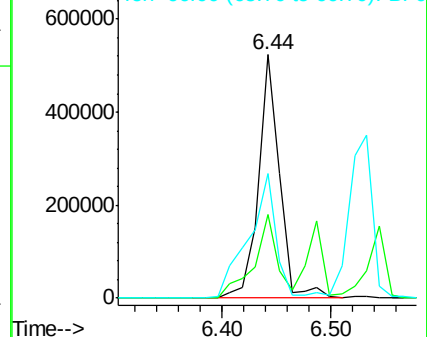
66 51.1 44.0 84.0

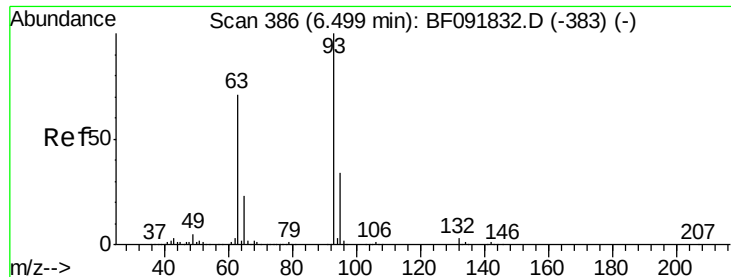


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

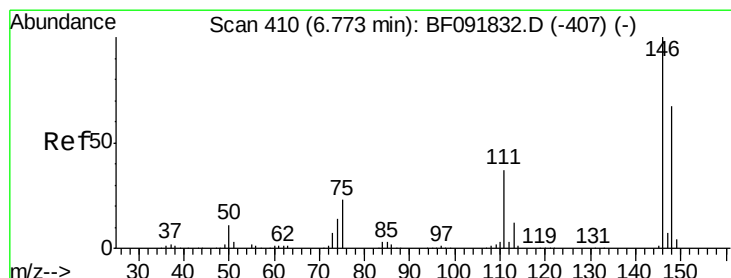
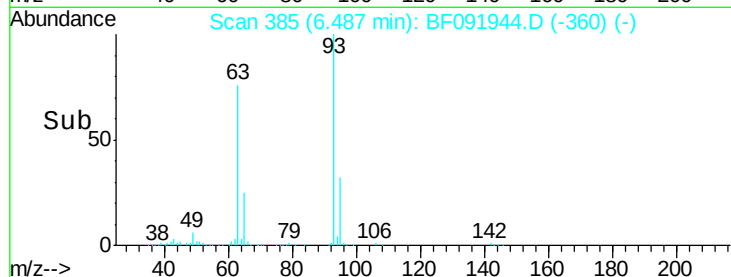
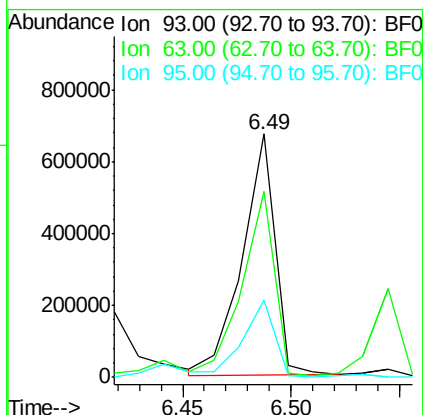
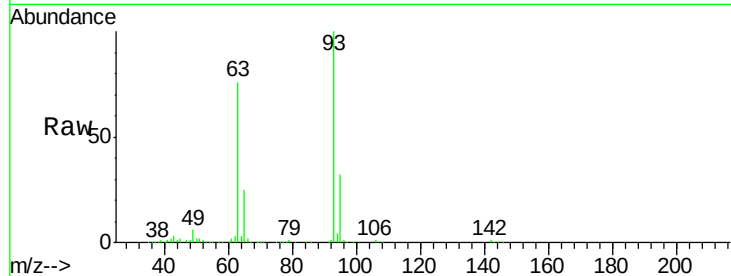




#11
bis(2-Chloroethyl)ether
Concen: 51.69 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

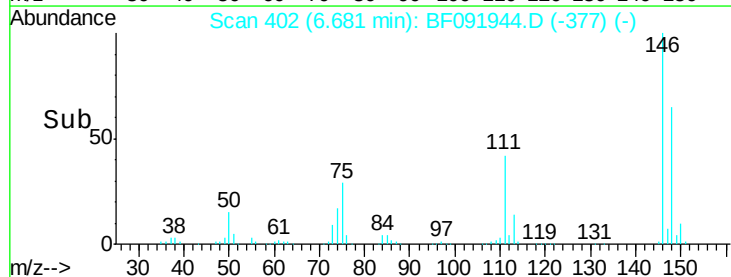
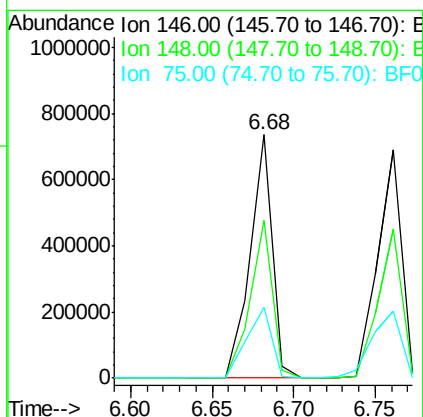
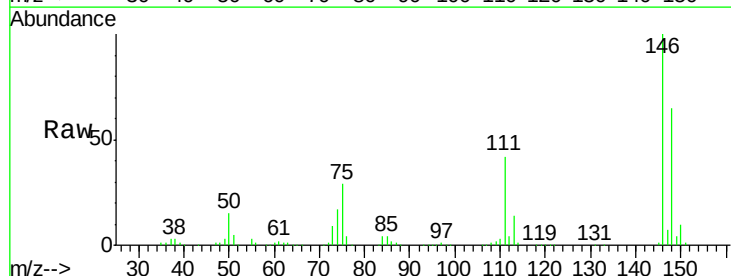
Instrument :
BNA_F
ClientSampleId :
PB95595BS

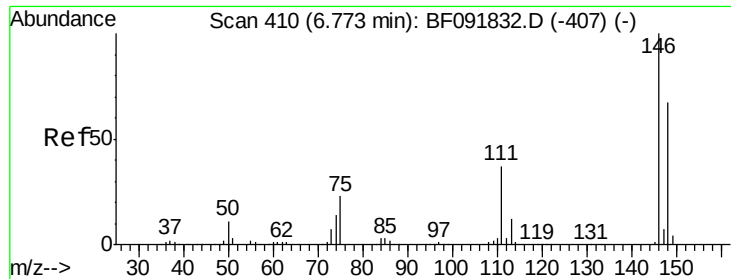
Tgt Ion: 93 Resp: 700949
Ion Ratio Lower Upper
93 100
63 76.4 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.52 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 146 Resp: 691959
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
75 29.1 18.5 27.7#

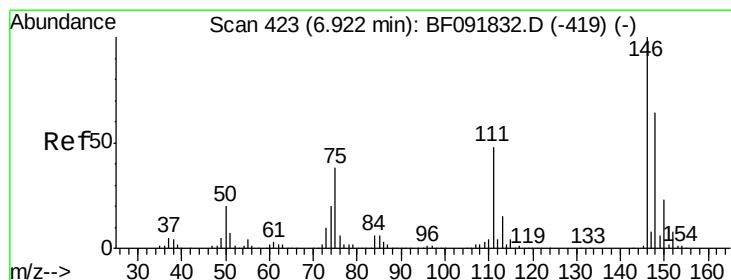
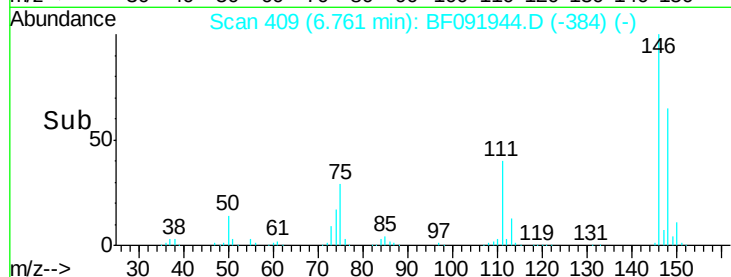
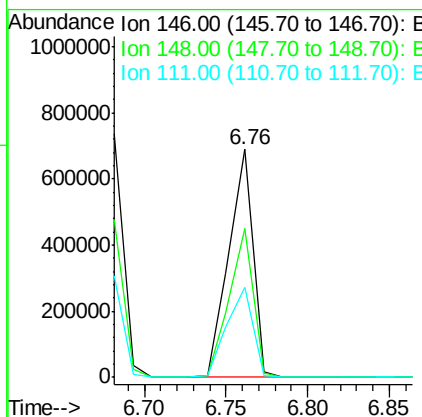
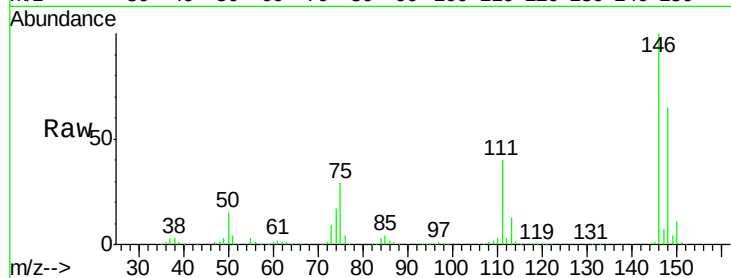




#13
 1,4-Dichlorobenzene
 Concen: 46.39 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

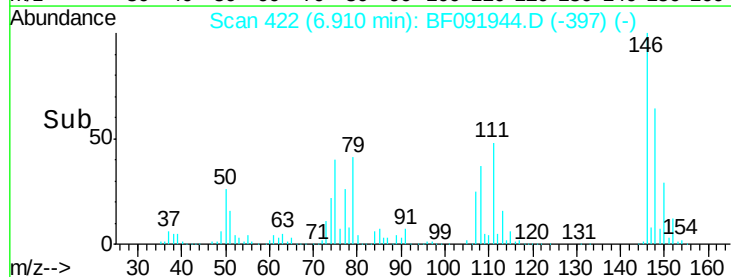
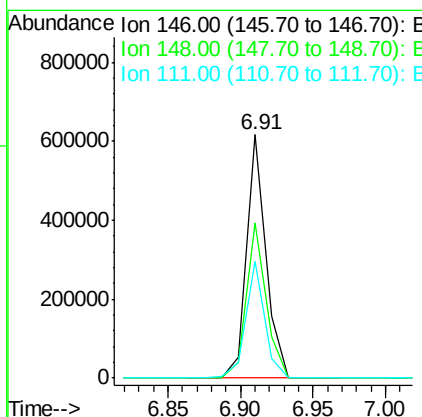
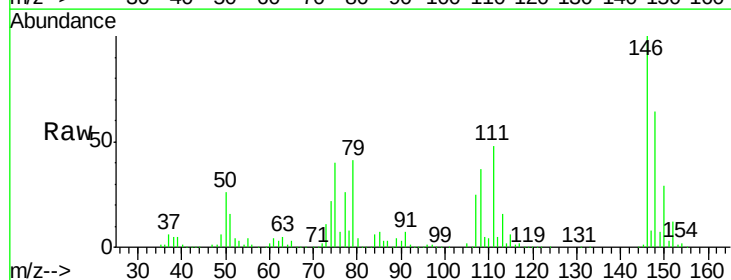
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

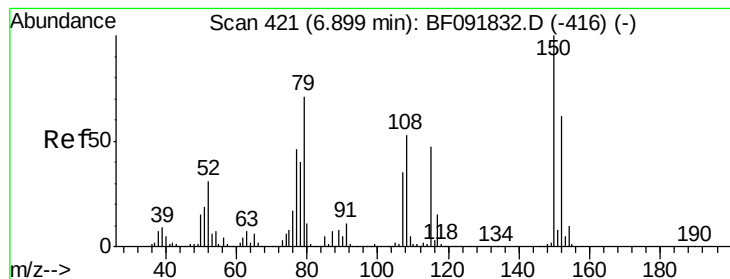
Tgt Ion:146 Resp: 702300
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 76.0
 111 39.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.34 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:146 Resp: 569397
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 47.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.87 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

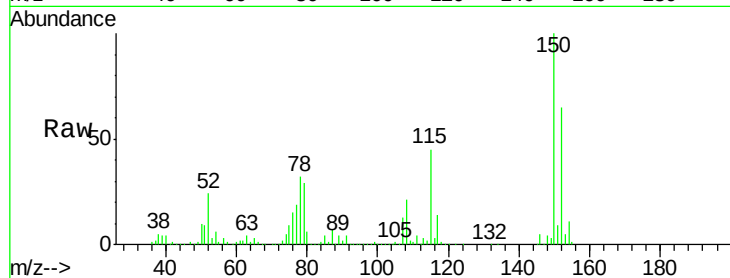
Tgt Ion: 79 Resp: 463300

Ion Ratio Lower Upper

79 100

108 71.6 61.4 92.0

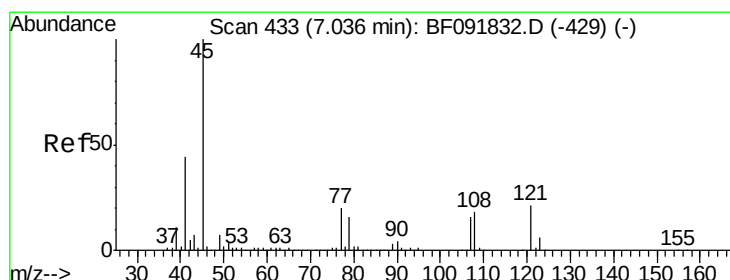
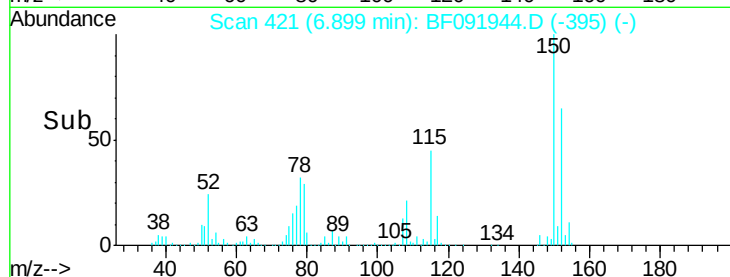
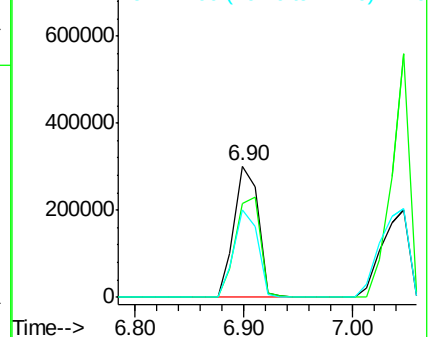
77 67.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.80 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

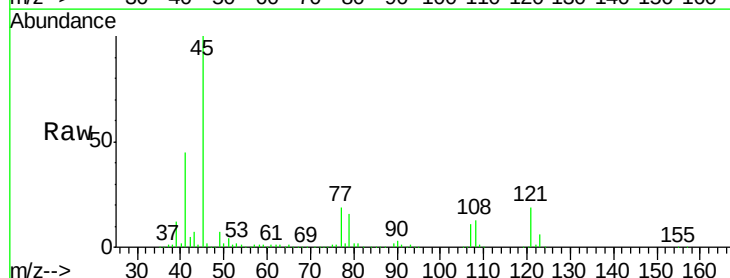
Tgt Ion: 45 Resp: 904574

Ion Ratio Lower Upper

45 100

77 18.5 0.0 34.6

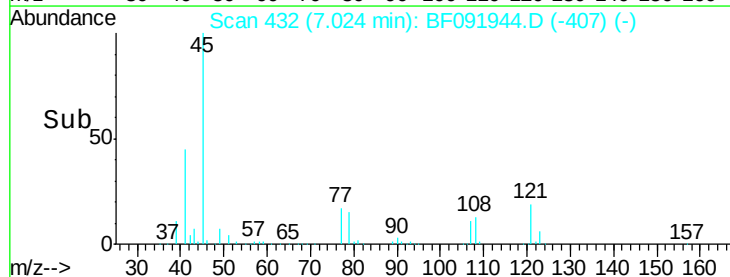
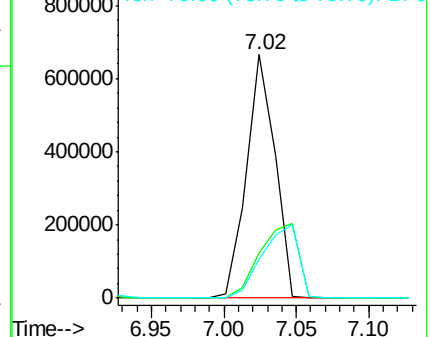
79 15.9 0.0 31.2

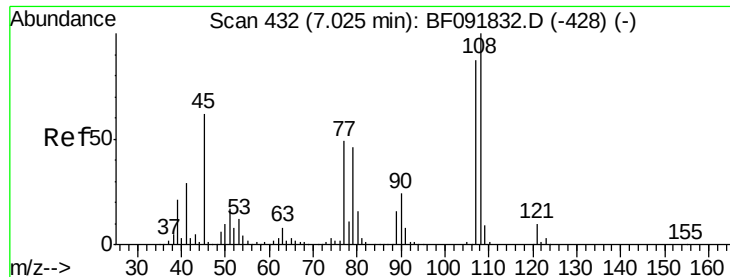


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.95 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tgt Ion:107 Resp: 559752

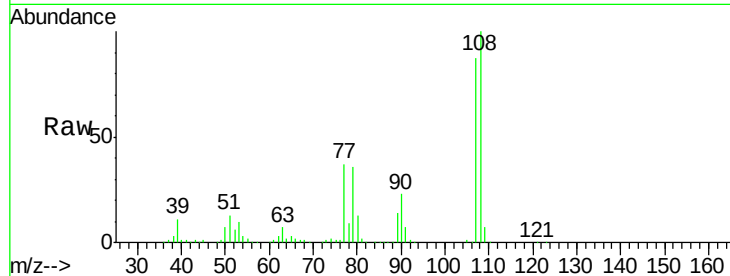
Ion Ratio Lower Upper

107 100

108 115.6 93.0 139.6

77 42.3 39.8 59.8

79 41.7 38.0 57.0

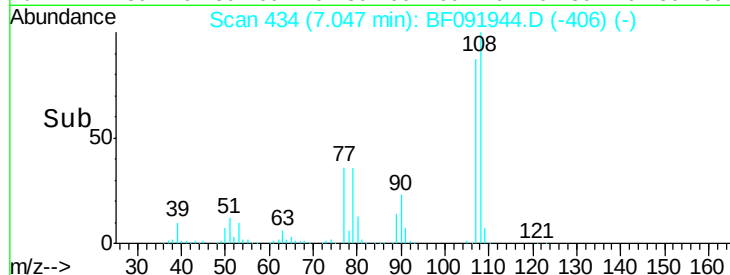


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

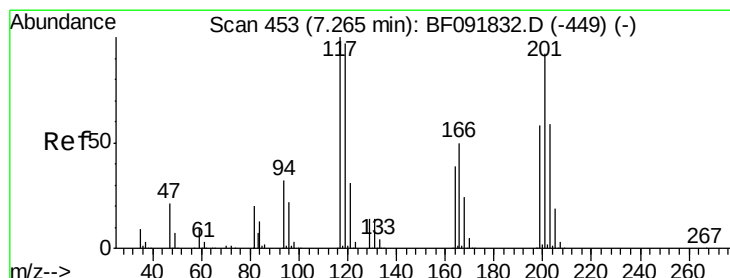
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->

7.05



#18

Hexachloroethane

Concen: 46.39 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

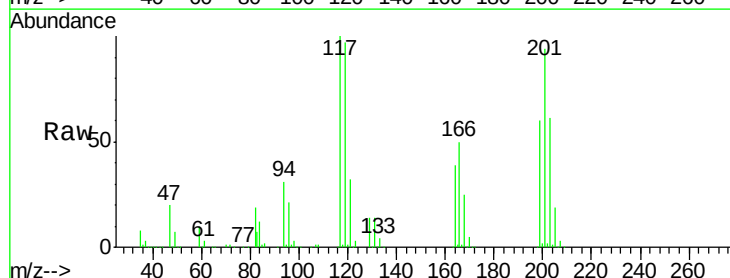
Tgt Ion:117 Resp: 260377

Ion Ratio Lower Upper

117 100

119 96.9 78.1 117.1

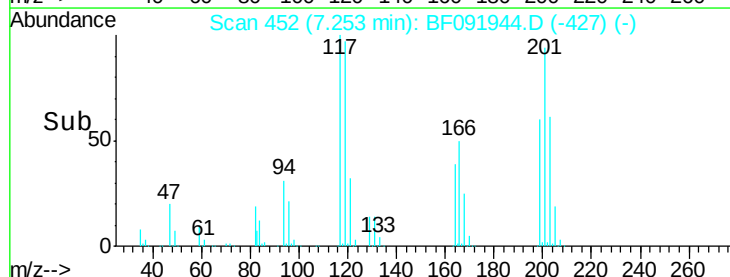
201 93.7 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

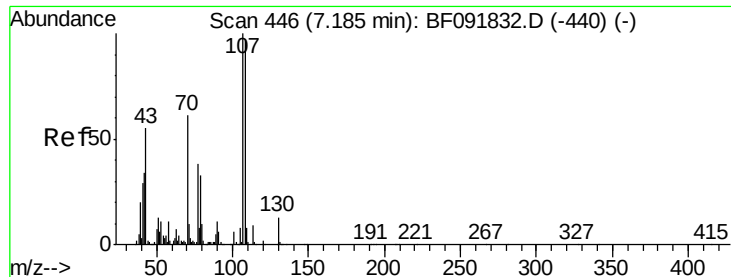
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

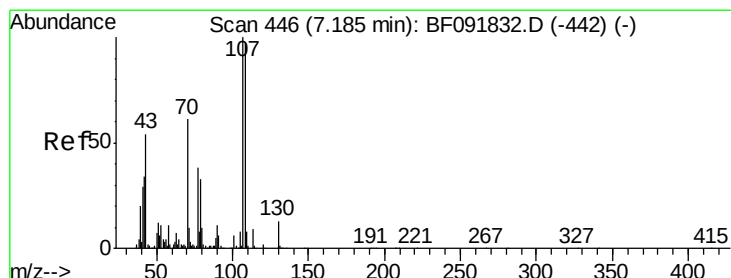
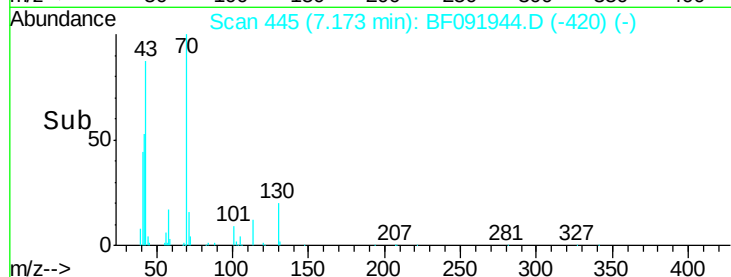
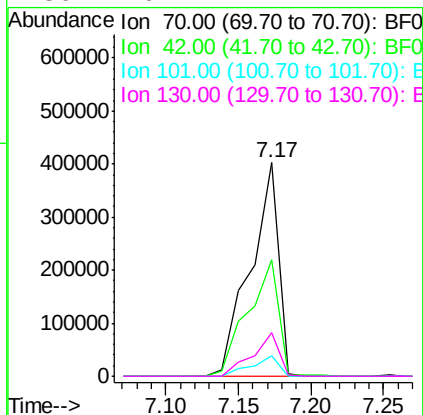
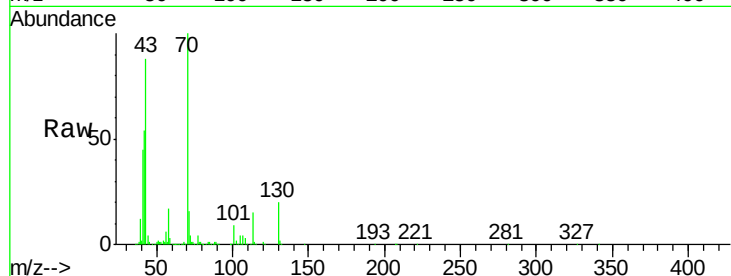
7.25



#19
n-Nitroso-di-n-propylamine
Concen: 54.67 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

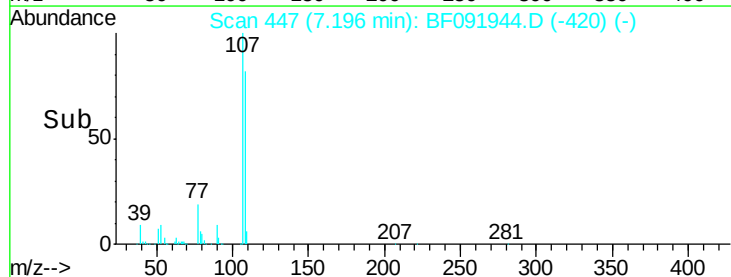
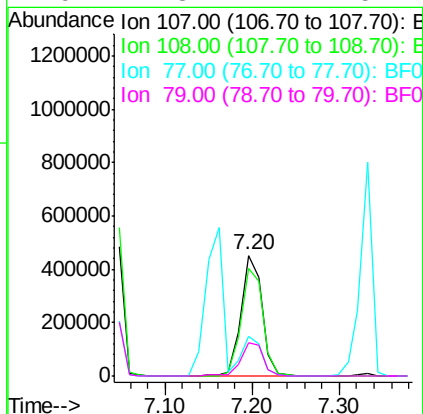
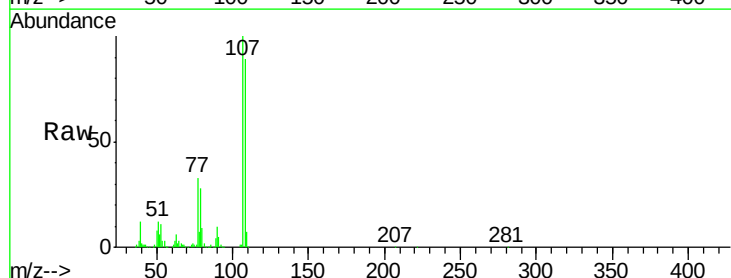
Instrument :
BNA_F
ClientSampleId :
PB95595BS

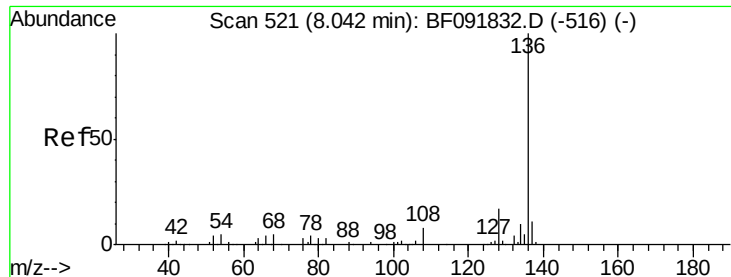
Tgt Ion:	70	Resp:	543951
Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.4	74.0
101	9.4	7.4	11.2
130	20.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 56.44 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:	107	Resp:	754411
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.0	113.0
77	32.8	71.3	111.3#
79	27.8	11.1	51.1

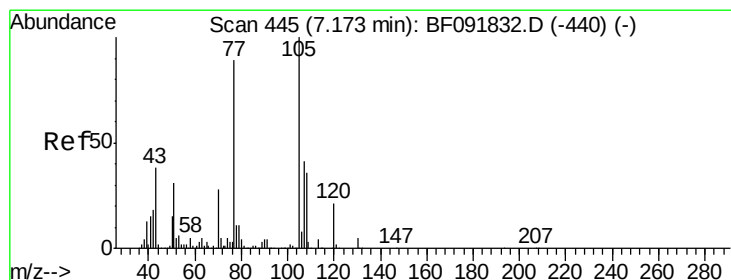
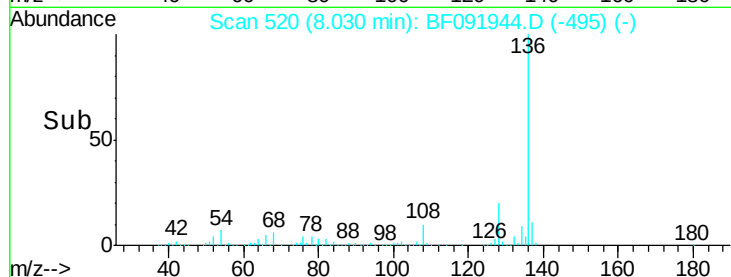
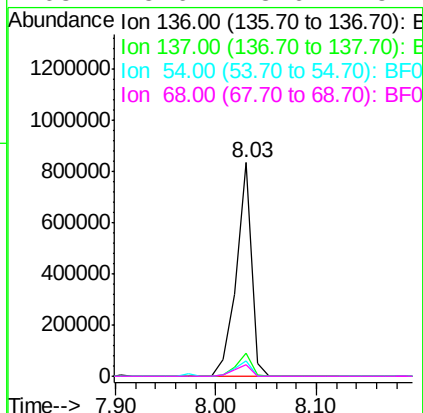
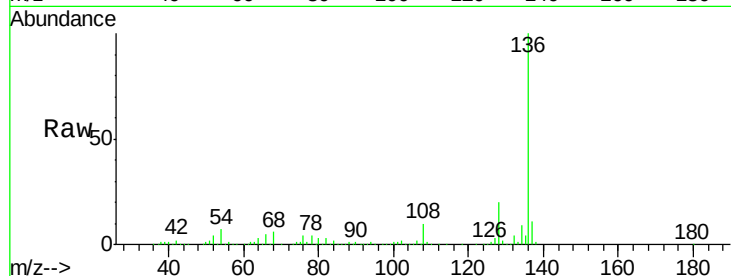




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

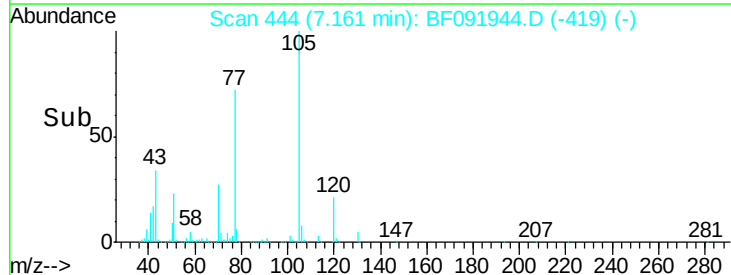
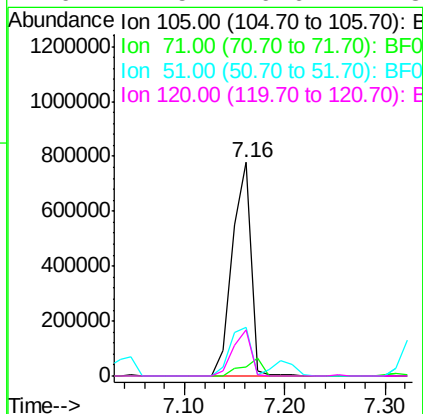
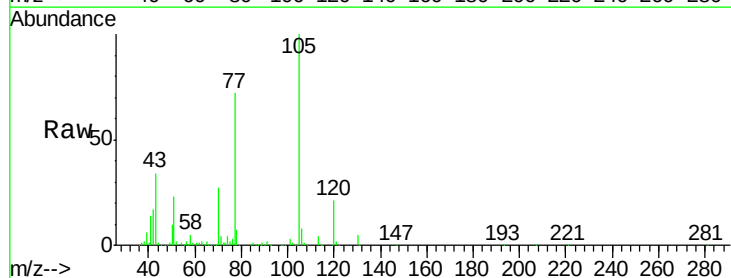
Instrument :
BNA_F
ClientSampleId :
PB95595BS

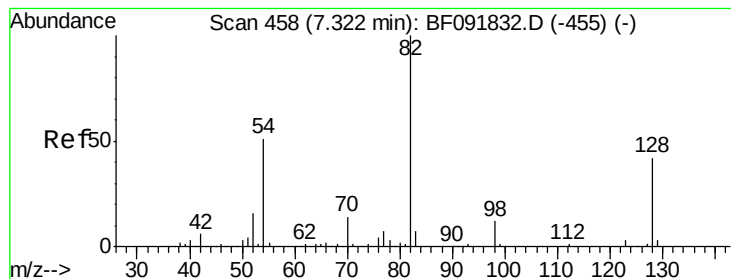
Tgt Ion:	136	Resp:	872525
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	7.0	4.5	6.7#
68	5.6	3.6	5.4#



#22
Acetophenone
Concen: 46.38 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:	105	Resp:	998250
Ion Ratio	Lower	Upper	
105	100		
71	4.5	3.2	4.8
51	22.9	26.2	39.4#
120	21.5	16.6	24.8





#23

Nitrobenzene-d5

Concen: 90.20 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

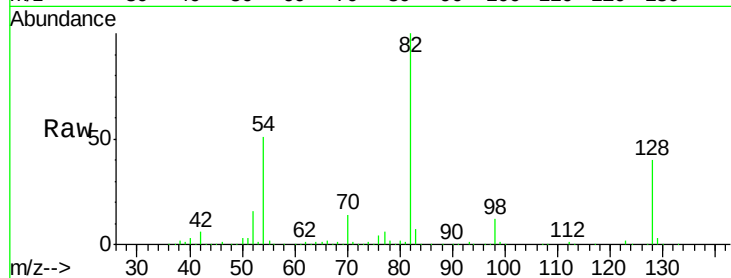
Tgt Ion: 82 Resp: 1415401

Ion Ratio Lower Upper

82 100

128 40.5 34.6 52.0

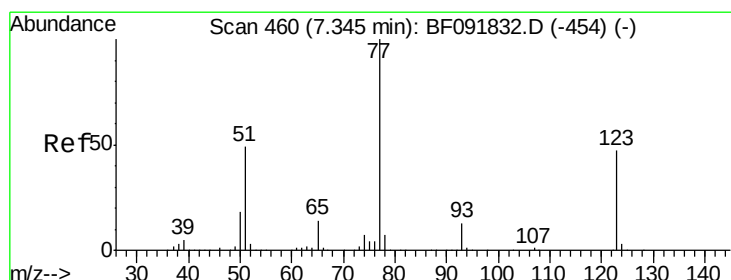
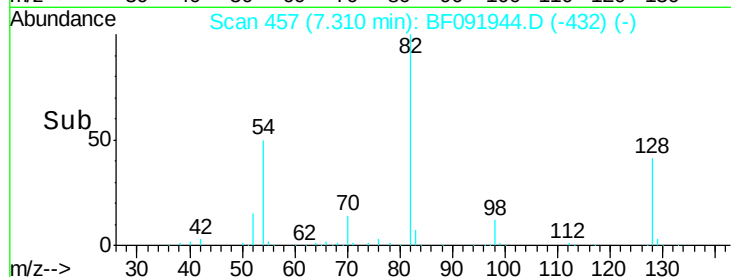
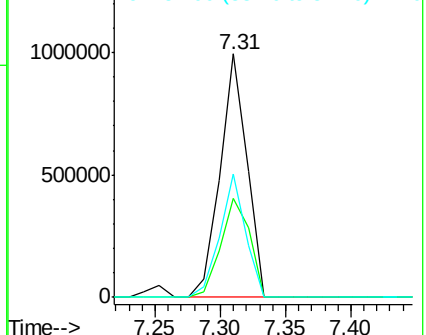
54 50.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.78 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

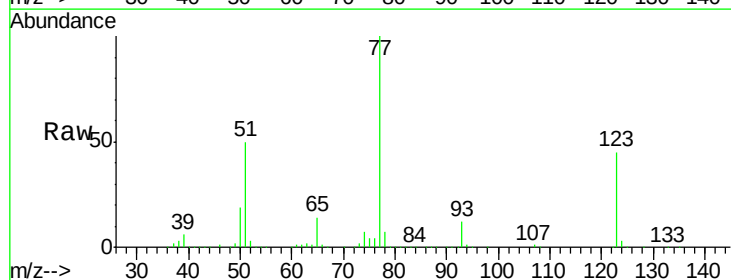
Tgt Ion: 77 Resp: 765120

Ion Ratio Lower Upper

77 100

123 44.6 33.0 49.4

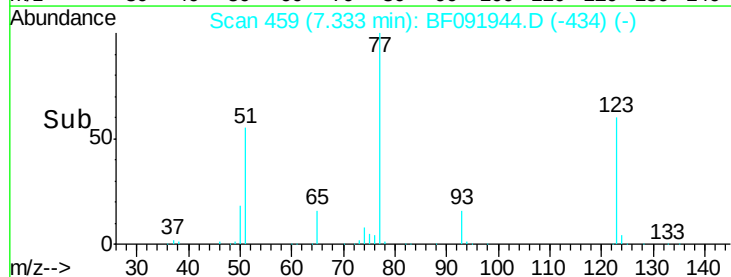
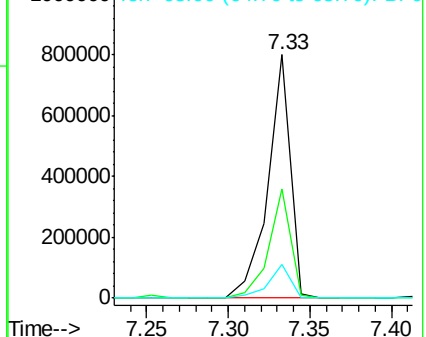
65 13.7 11.2 16.8

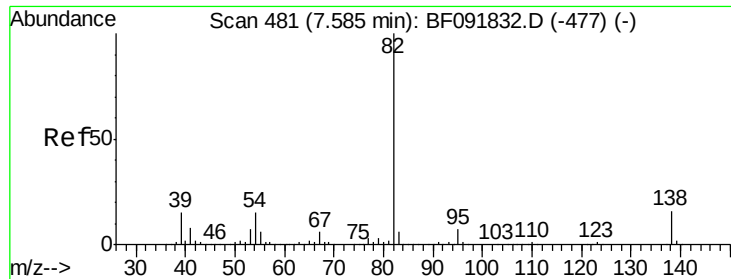


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.91 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

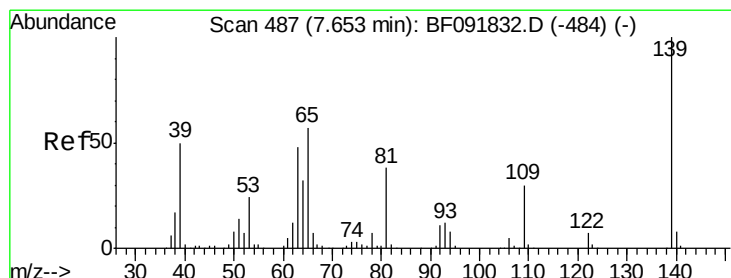
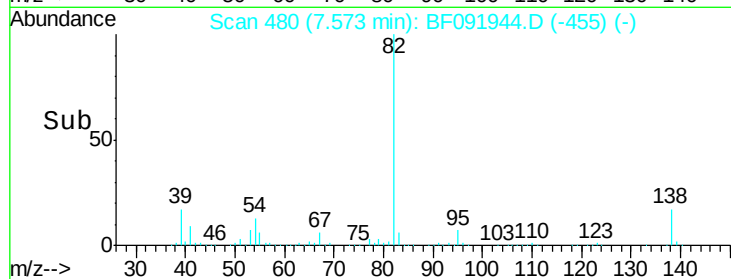
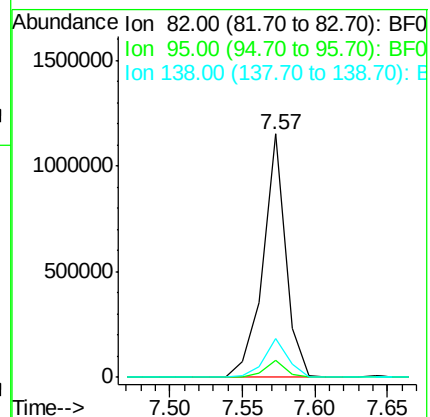
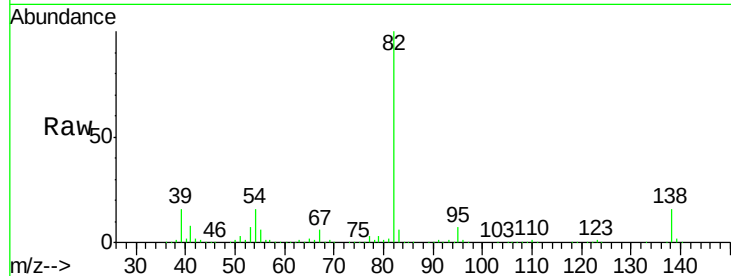
Tgt Ion: 82 Resp: 1242271

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 15.7 14.6 22.0



#26

2-Nitrophenol

Concen: 43.68 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

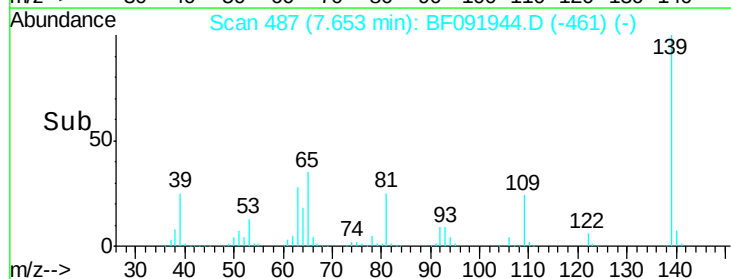
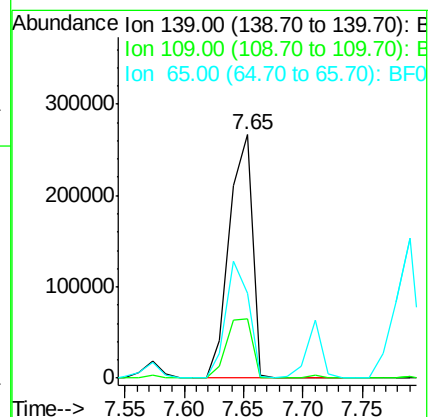
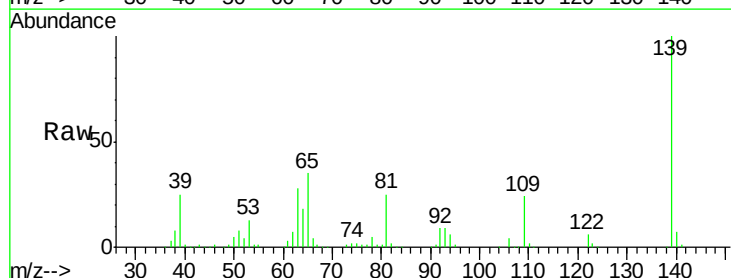
Tgt Ion: 139 Resp: 360013

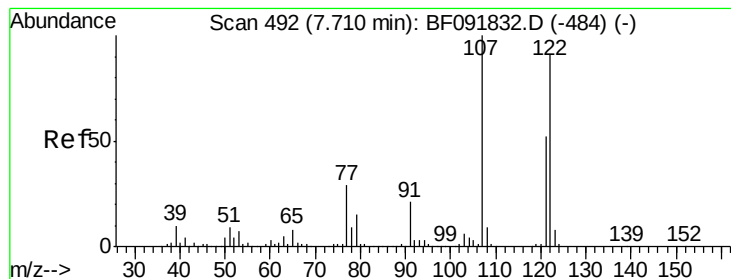
Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

65 34.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.34 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

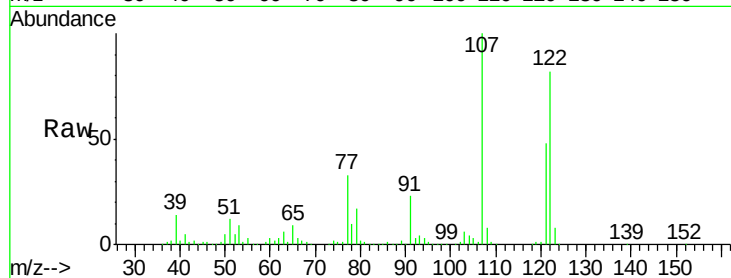
Tgt Ion: 122 Resp: 537776

Ion Ratio Lower Upper

122 100

107 122.1 94.1 141.1

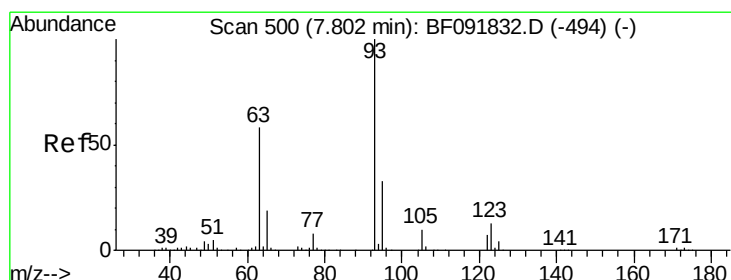
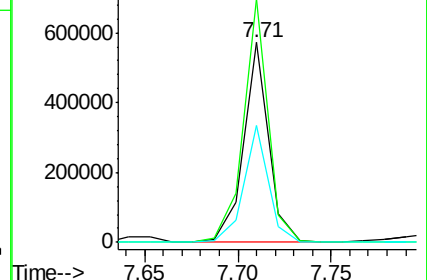
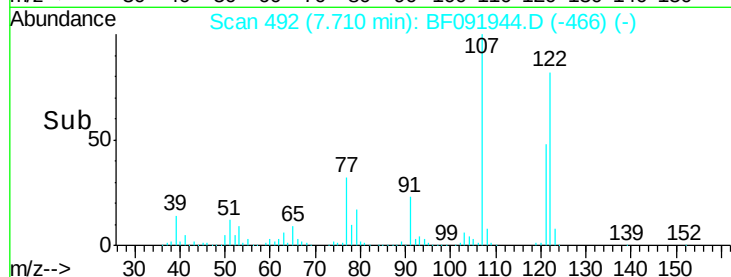
121 58.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.37 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

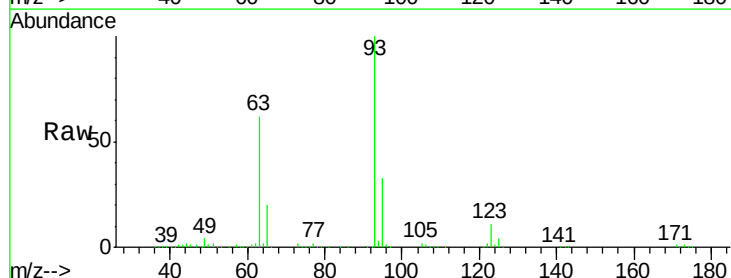
Tgt Ion: 93 Resp: 884172

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

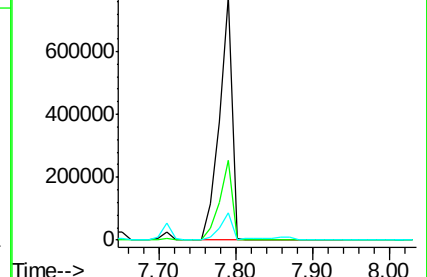
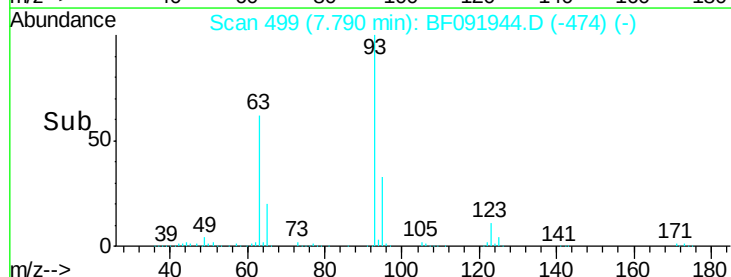
123 11.3 8.6 13.0

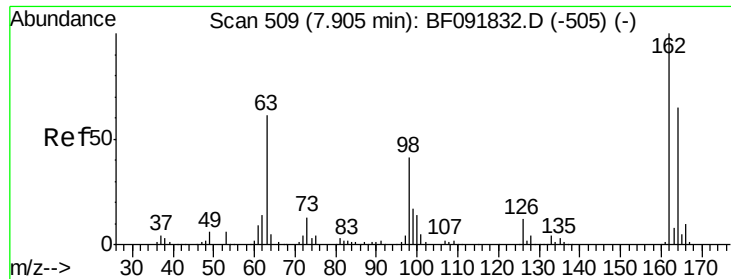


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

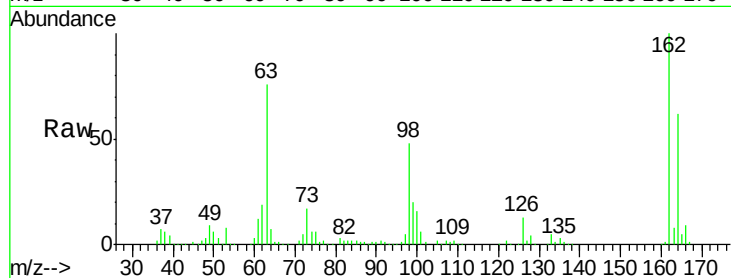




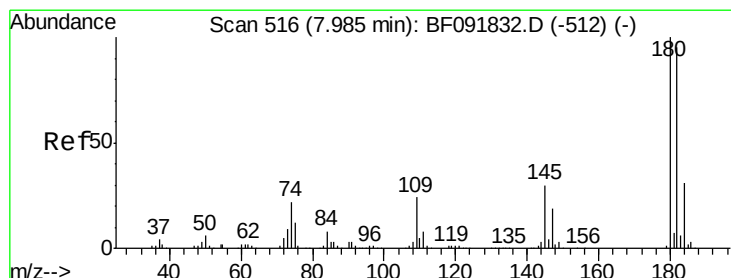
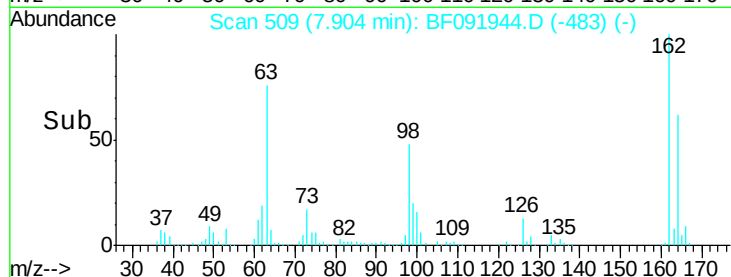
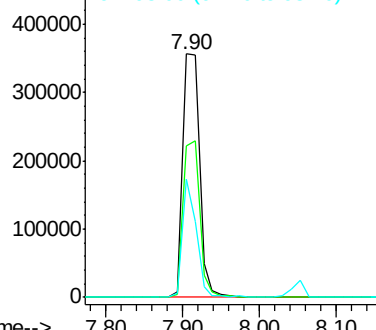
#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:162 Resp: 541608
 Ion Ratio Lower Upper
 162 100
 164 62.1 46.8 86.8
 98 48.4 9.1 49.1

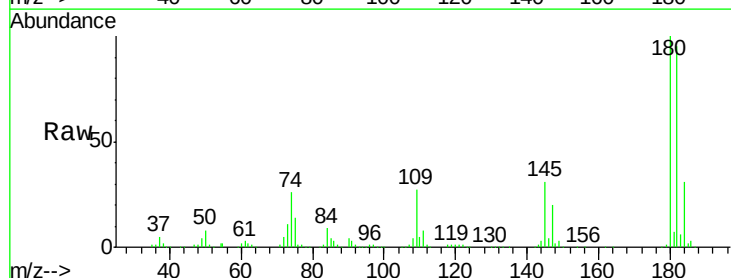


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

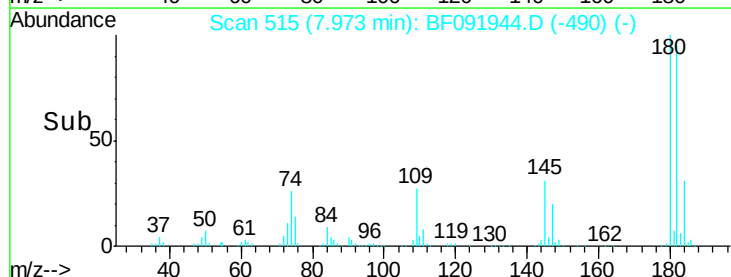
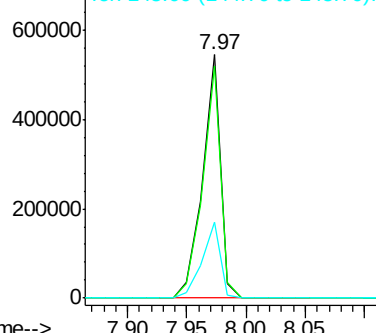


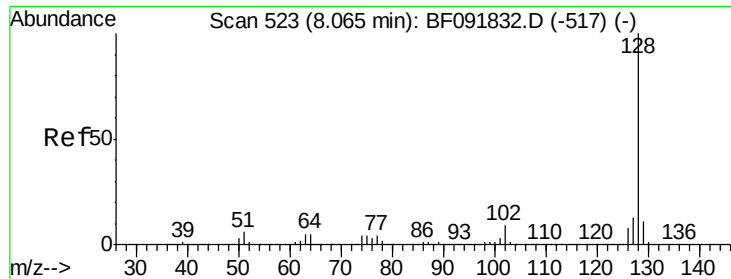
#30
 1,2,4-Trichlorobenzene
 Concen: 44.96 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:180 Resp: 570335
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.2 117.4
 145 31.3 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

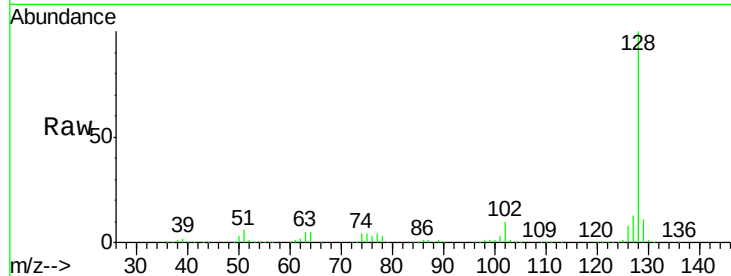




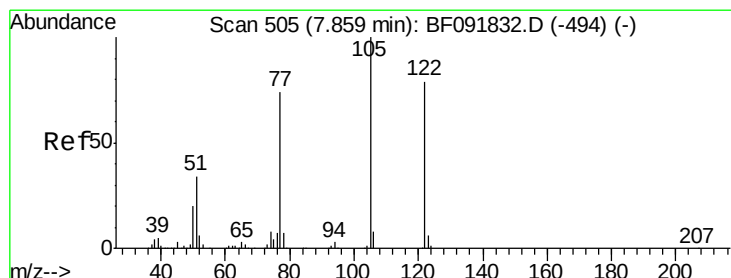
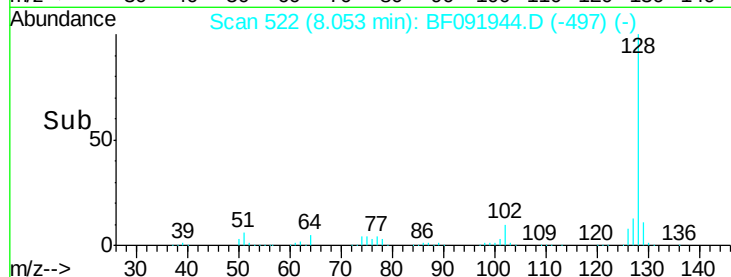
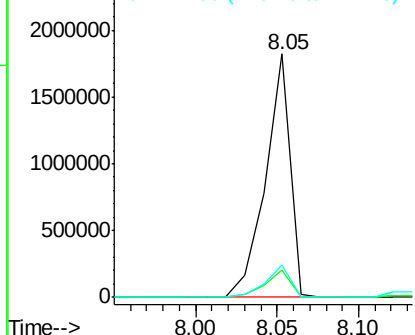
#31
Naphthalene
Concen: 48.07 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:128 Resp: 1919534
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 10.8 16.2

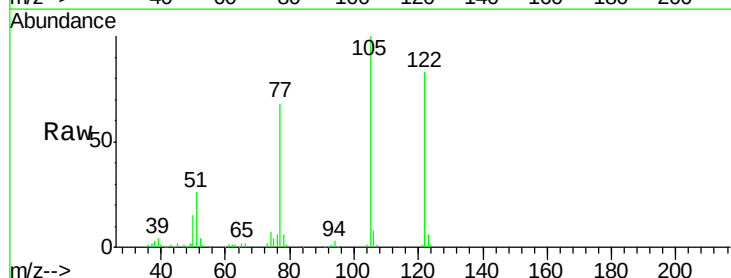


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

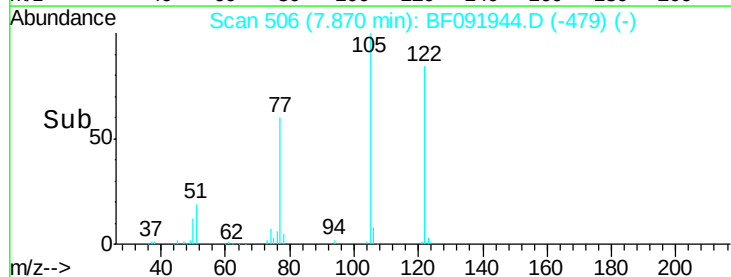
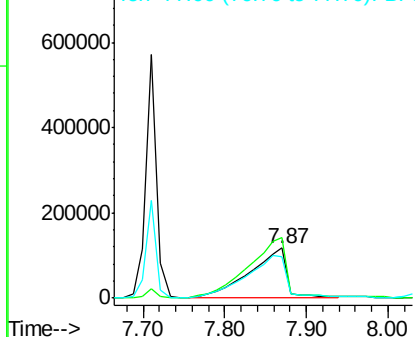


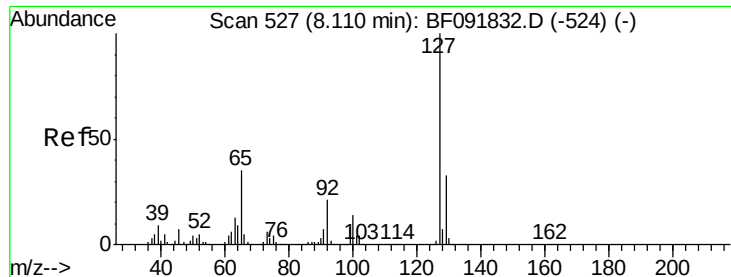
#32
Benzoic acid
Concen: 35.83 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:122 Resp: 363253
Ion Ratio Lower Upper
122 100
105 120.4 107.2 147.2
77 82.2 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

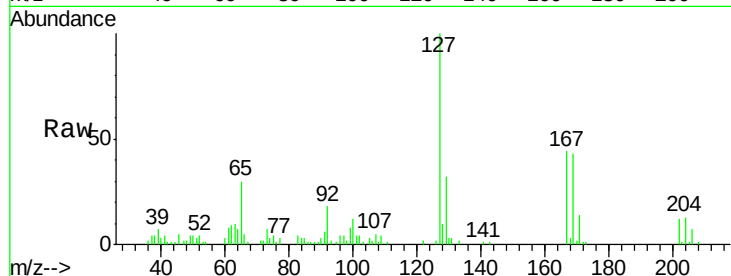




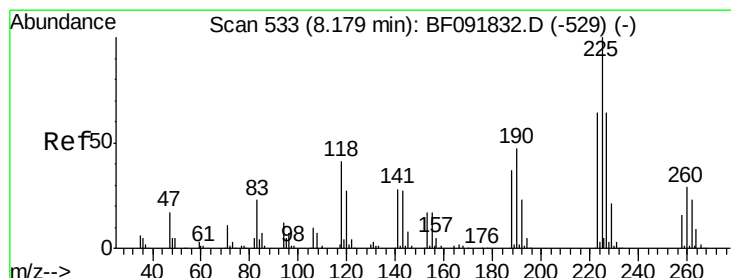
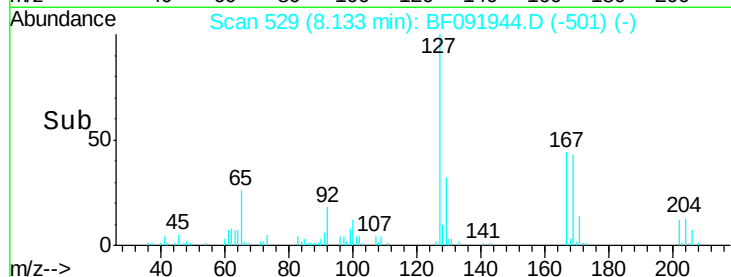
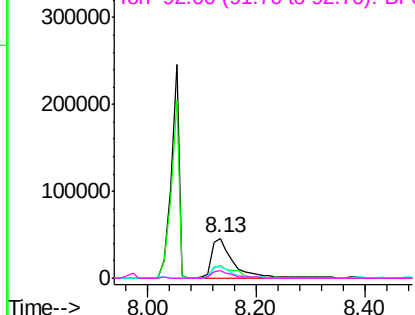
#33
4-Chloroaniline
Concen: 7.37 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:	127	Resp:	132701
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	30.3	25.8	38.8
92	17.8	16.1	24.1

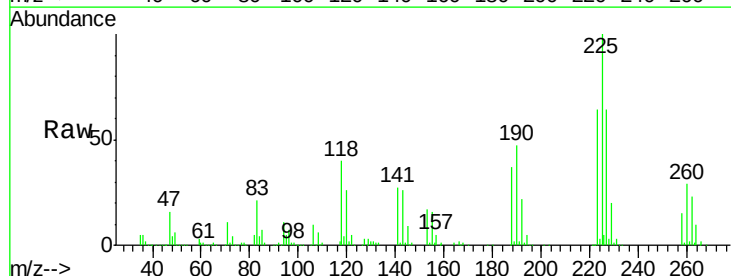


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

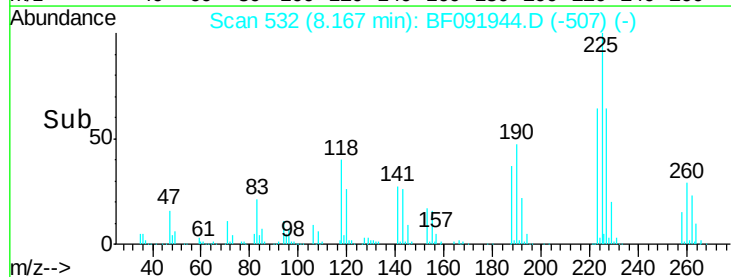
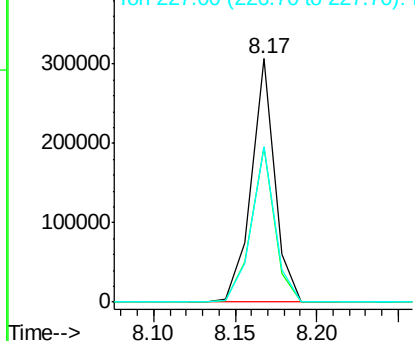


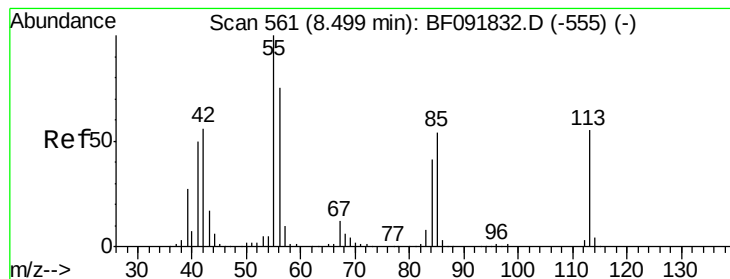
#34
Hexachlorobutadiene
Concen: 45.70 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:	225	Resp:	305968
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.8	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.67 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

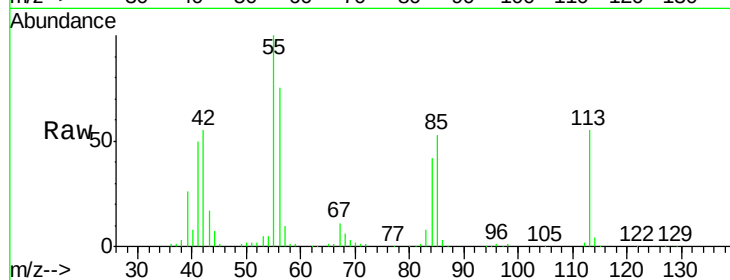
Tgt Ion:113 Resp: 158519

Ion Ratio Lower Upper

113 100

55 183.2 119.2 159.2#

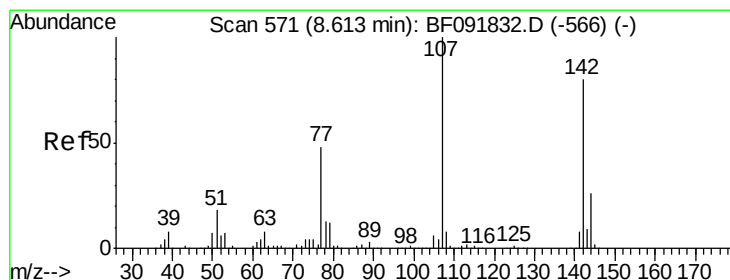
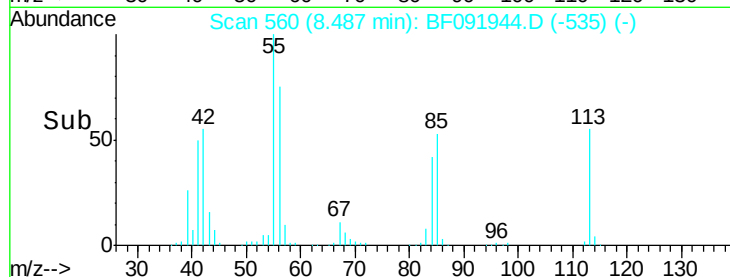
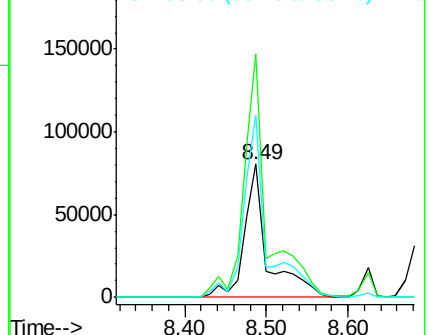
56 136.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.39 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

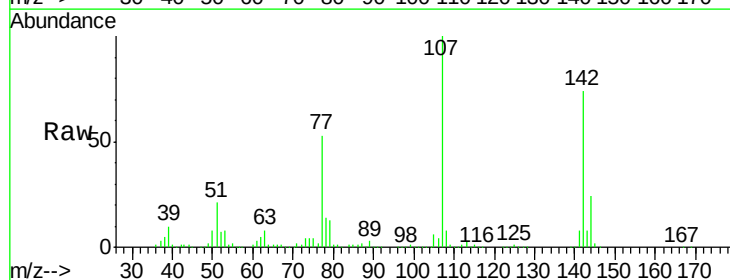
Tgt Ion:107 Resp: 577976

Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

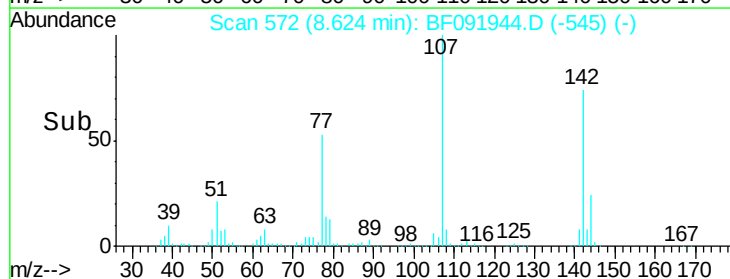
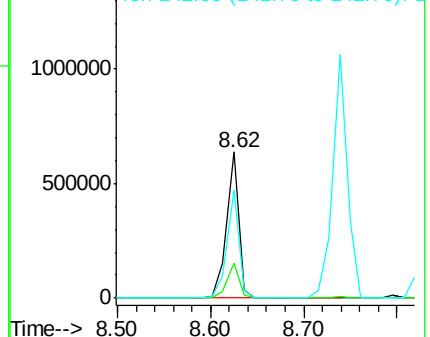
142 74.3 59.0 88.6

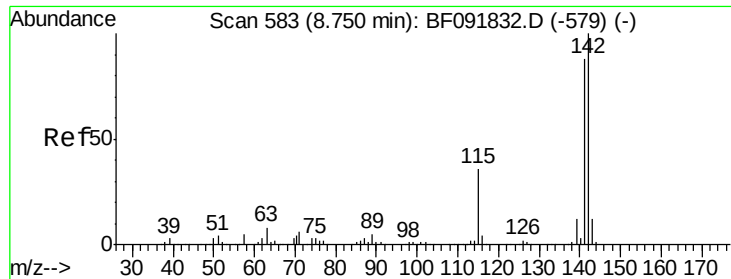


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

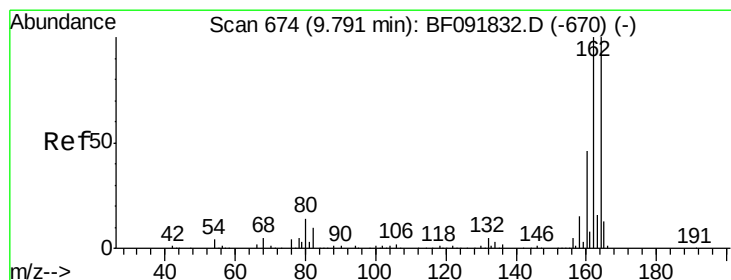
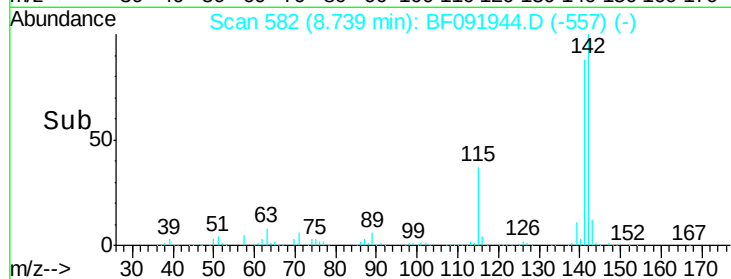
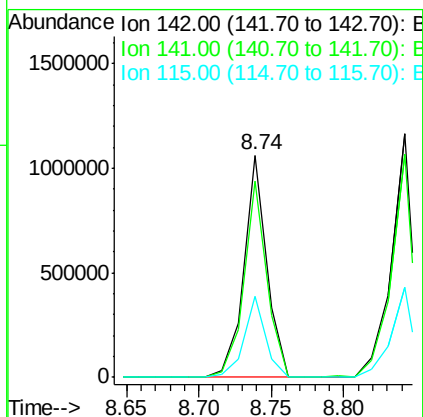
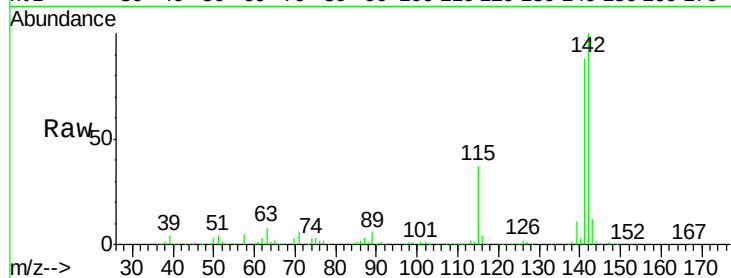




#37
 2-Methylnaphthalene
 Concen: 50.10 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

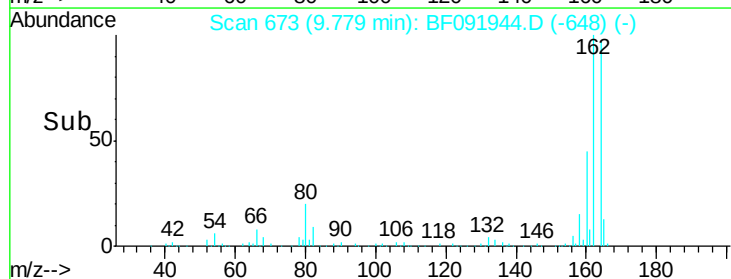
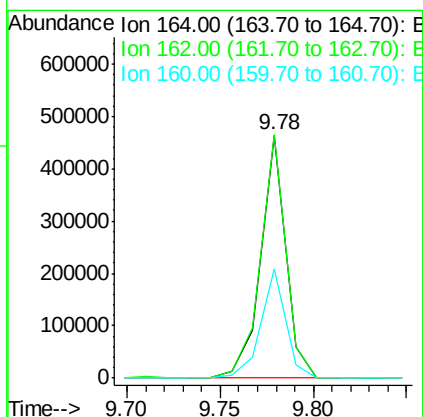
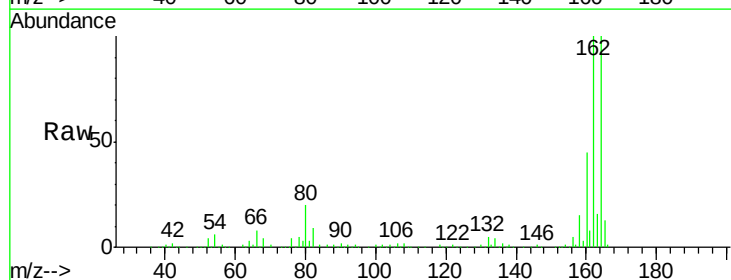
Instrument :
 BNA_F
 ClientSampleID :
 PB95595BS

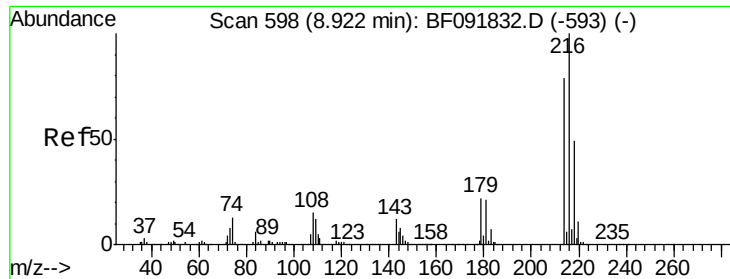
Tgt Ion:142 Resp: 1163057
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 36.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:164 Resp: 432249
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.2 120.2
 160 44.8 36.9 55.3

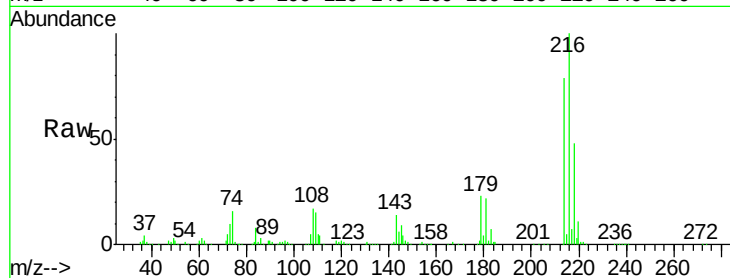




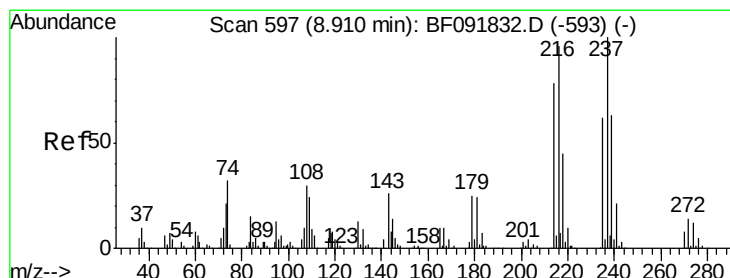
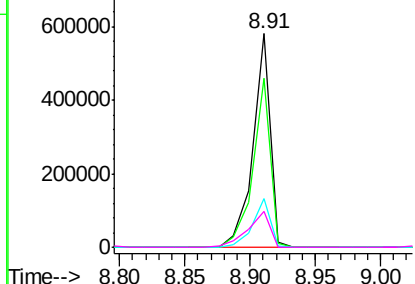
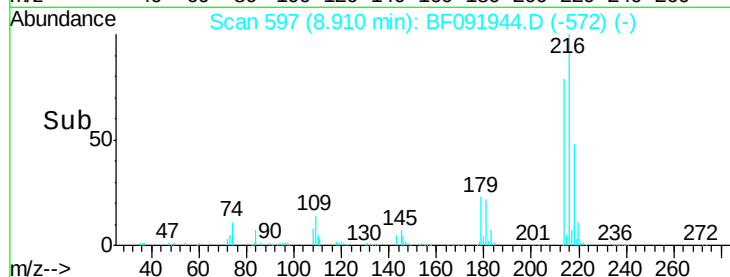
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.29 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:	216	Resp:	538331
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	23.1	17.4	26.2
108	21.3	15.6	23.4

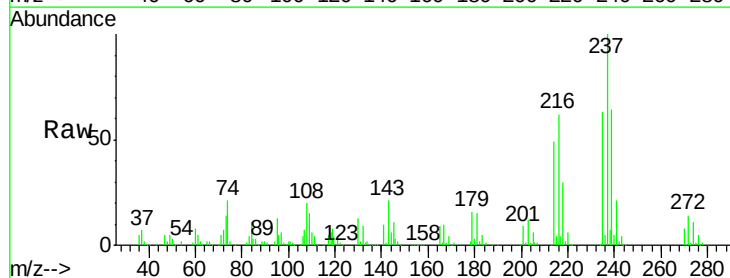


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

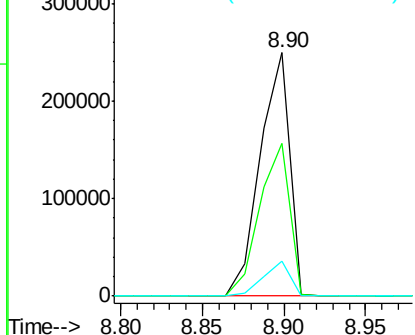
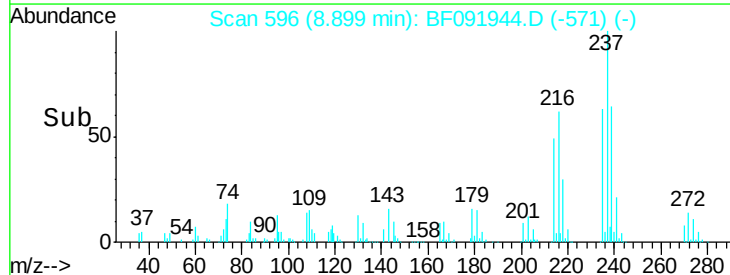


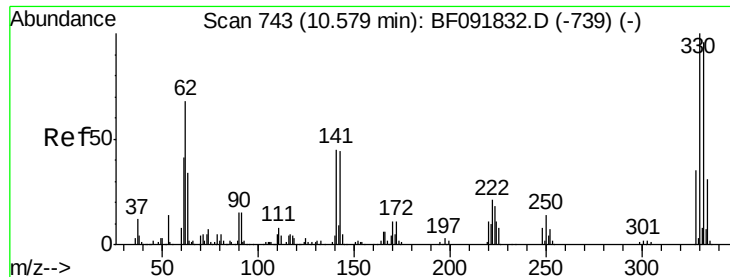
#40
 Hexachlorocyclopentadiene
 Concen: 65.37 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:	237	Resp:	314201
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	14.3	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

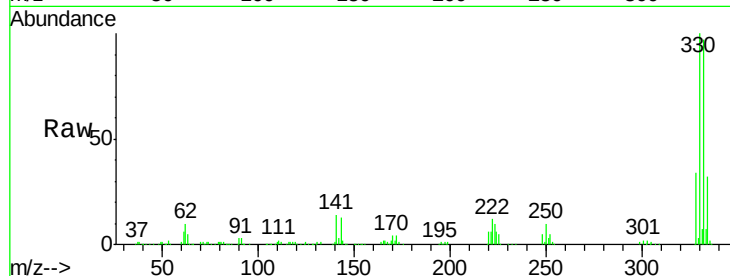




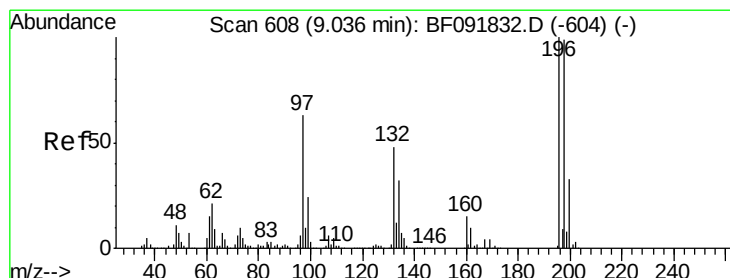
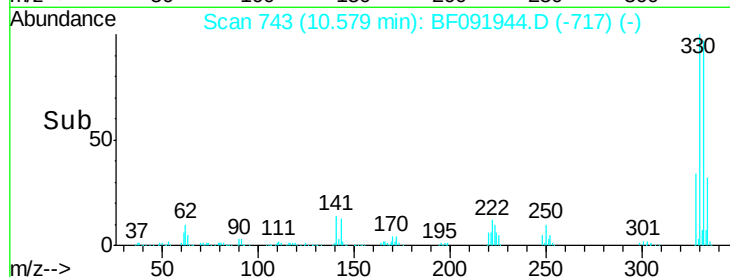
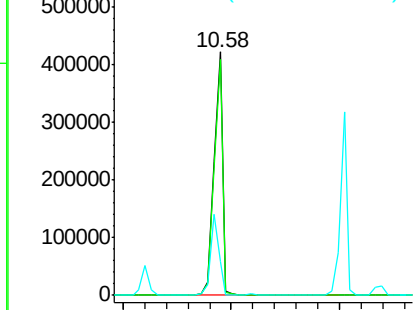
#41
 2,4,6-Tribromophenol
 Concen: 134.14 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampled :
 PB95595BS

Tgt Ion:330 Resp: 479853
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 31.9 34.1 51.1#

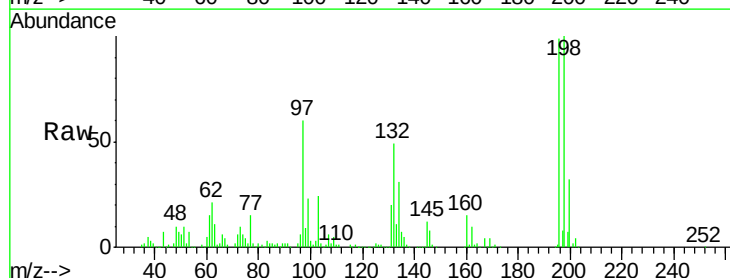


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

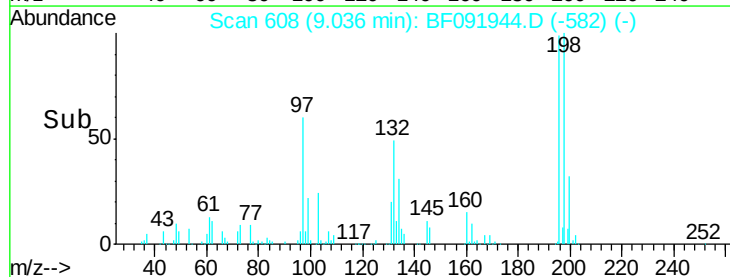
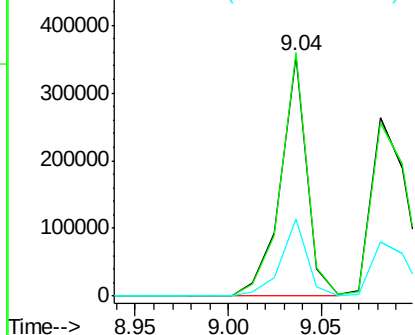


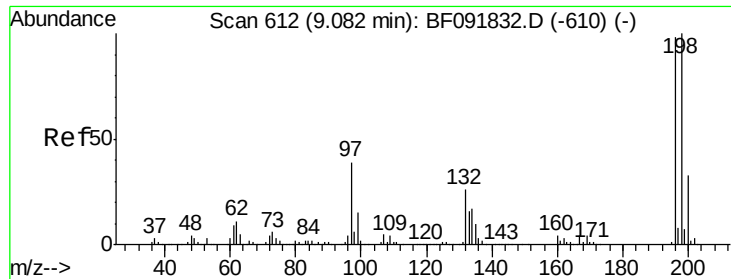
#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:196 Resp: 349207
 Ion Ratio Lower Upper
 196 100
 198 101.4 82.1 123.1
 200 32.1 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

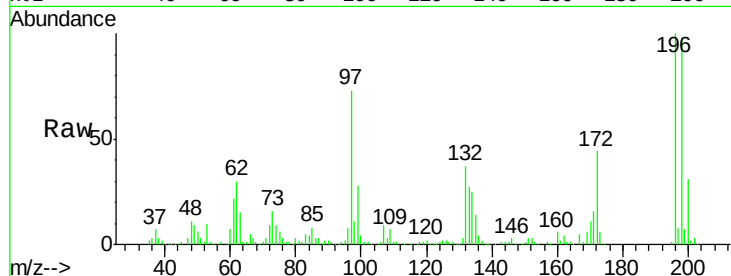




#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.2
97	72.7	51.5	77.3
132	37.0	27.4	41.2



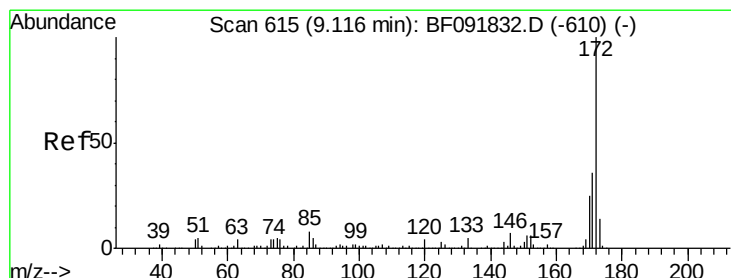
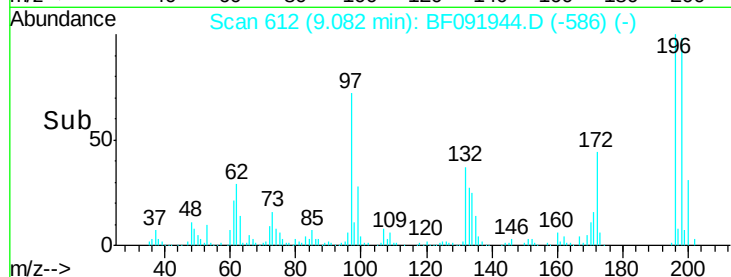
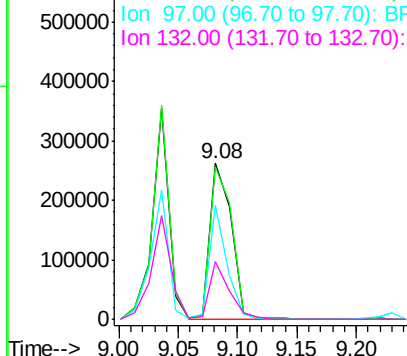
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

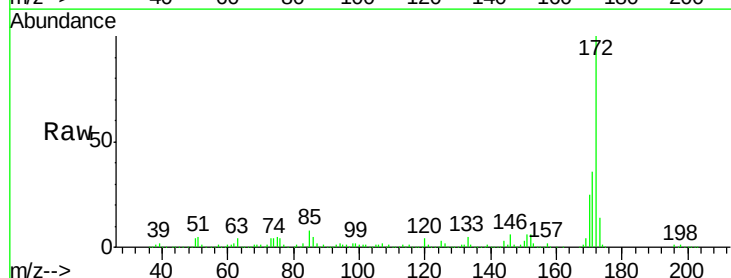
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.80 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.6	20.2	30.4

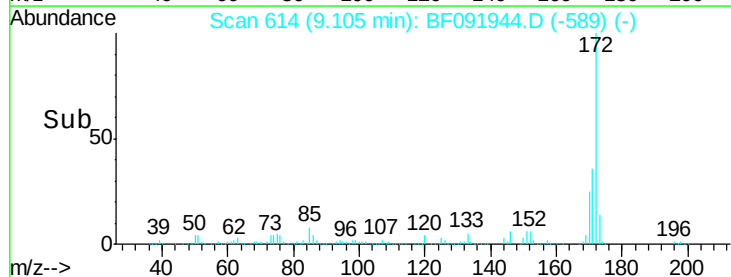
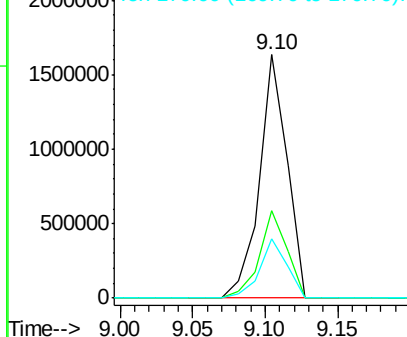


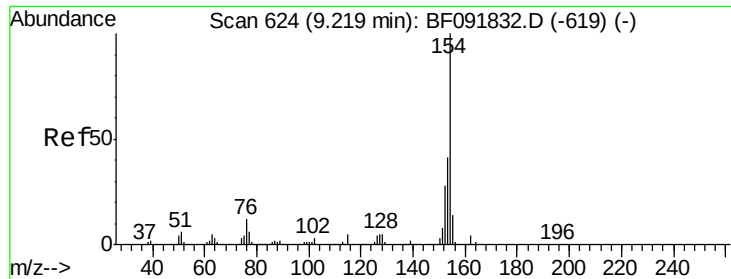
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

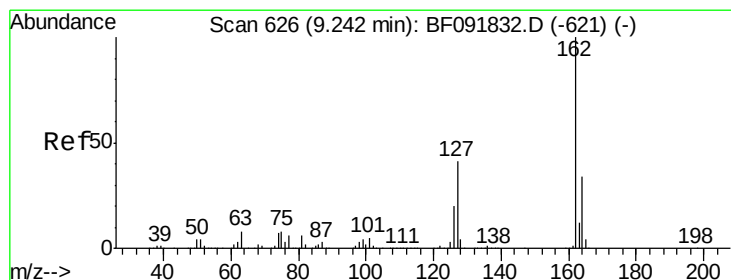
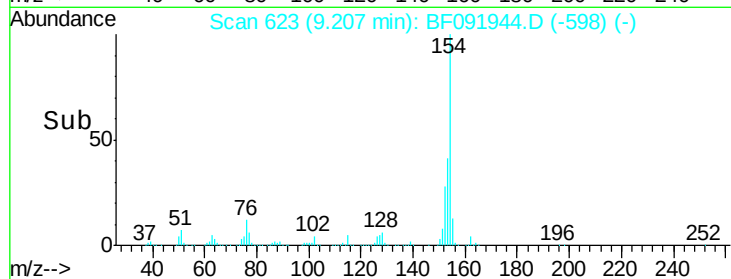
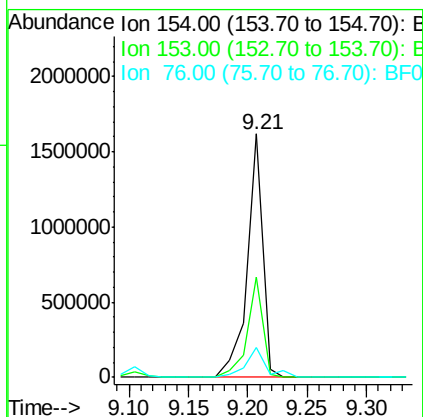
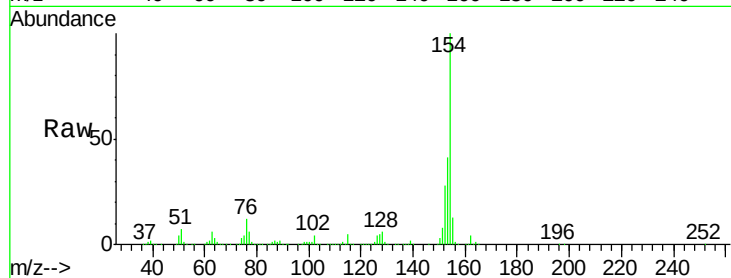




#45
 1,1'-Biphenyl
 Concen: 49.80 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

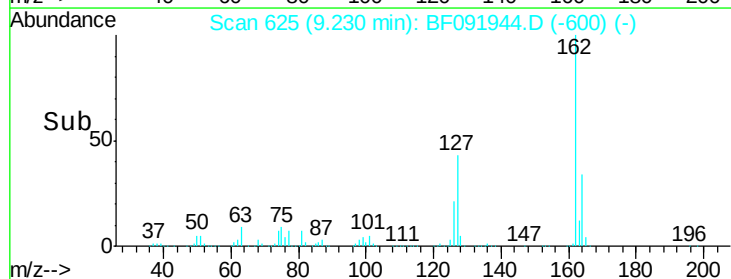
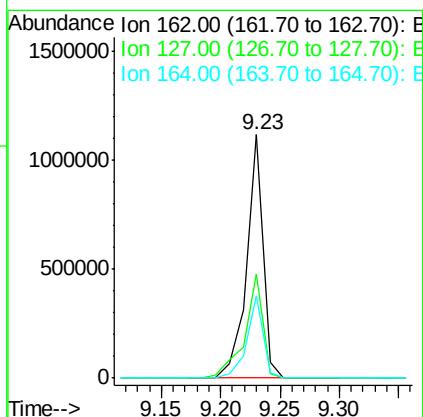
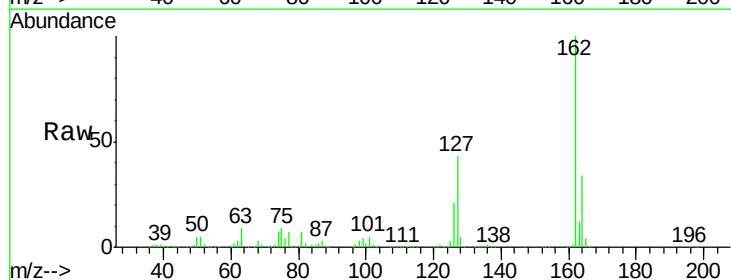
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

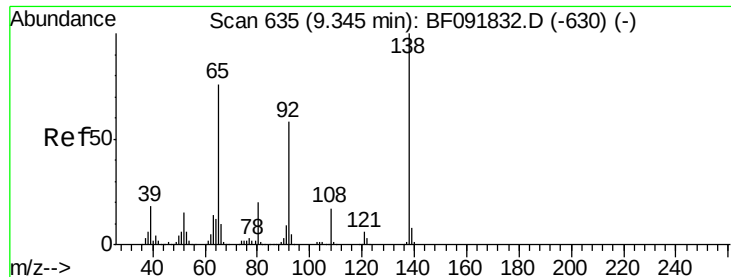
Tgt Ion:154 Resp: 1473917
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.9 60.9
 76 12.4 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 45.86 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:162 Resp: 1074957
 Ion Ratio Lower Upper
 162 100
 127 42.6 30.7 46.1
 164 33.6 27.6 41.4

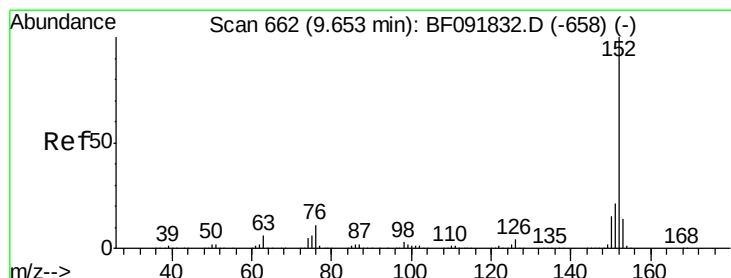
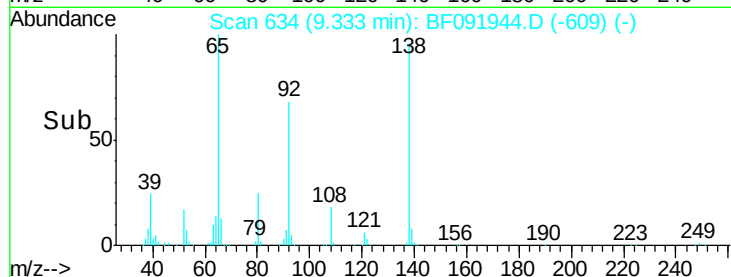
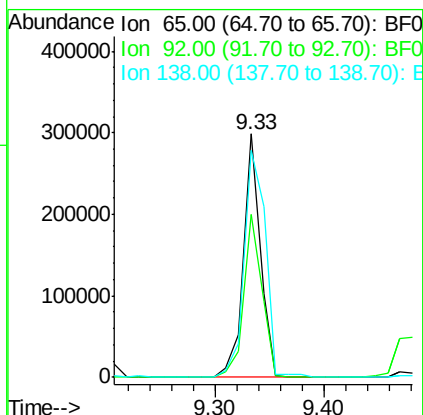
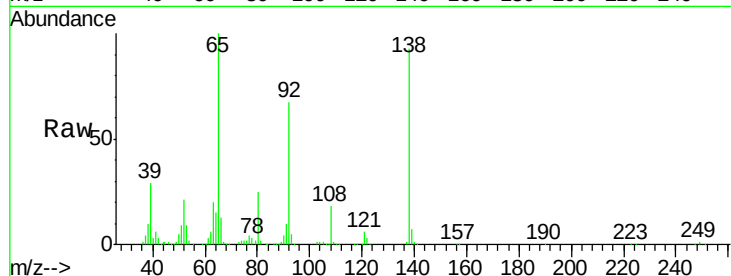




#47
2-Nitroaniline
Concen: 38.77 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

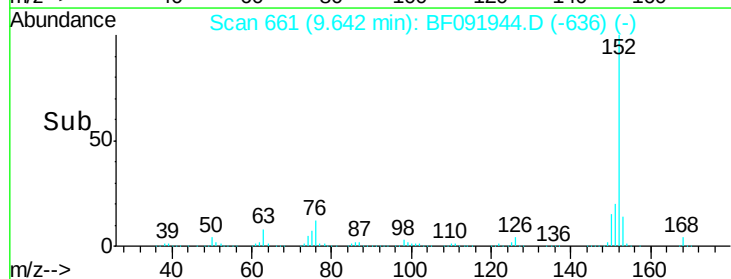
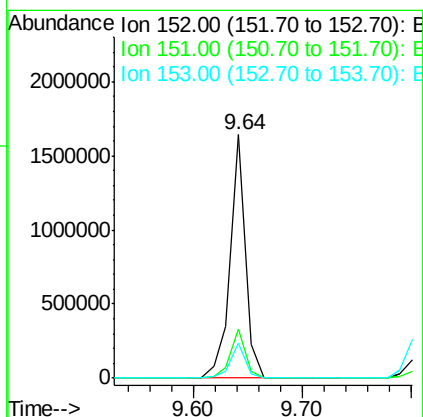
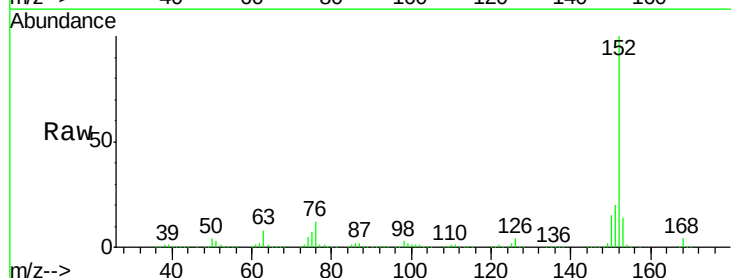
Instrument :
BNA_F
ClientSampleId :
PB95595BS

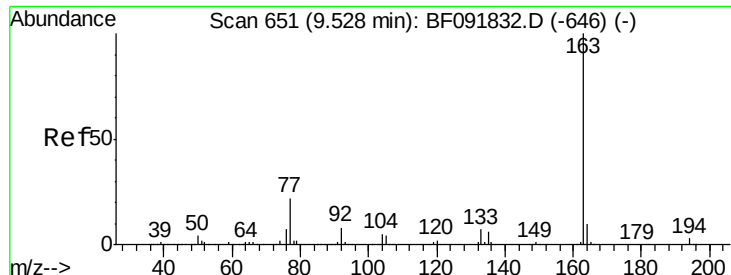
Tgt Ion: 65 Resp: 323564
Ion Ratio Lower Upper
65 100
92 66.7 53.9 80.9
138 93.5 76.8 115.2



#48
Acenaphthylene
Concen: 43.87 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 152 Resp: 1581264
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 47.71 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

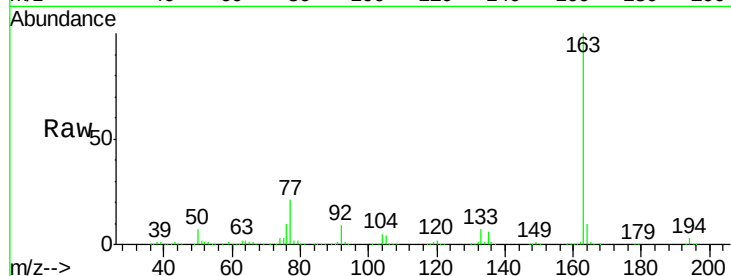
Tgt Ion:163 Resp: 1318932

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

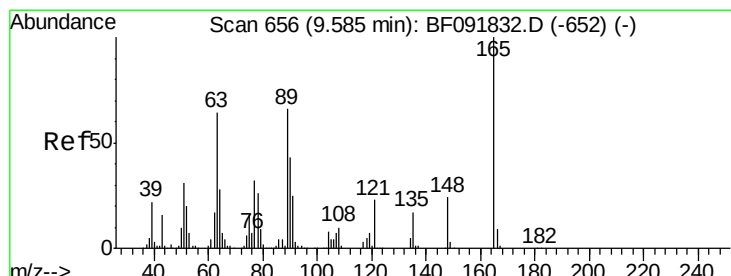
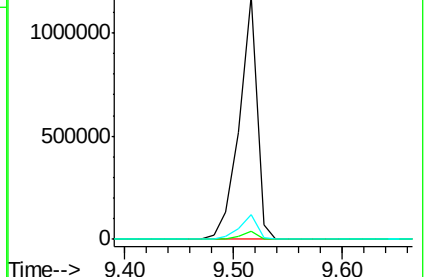
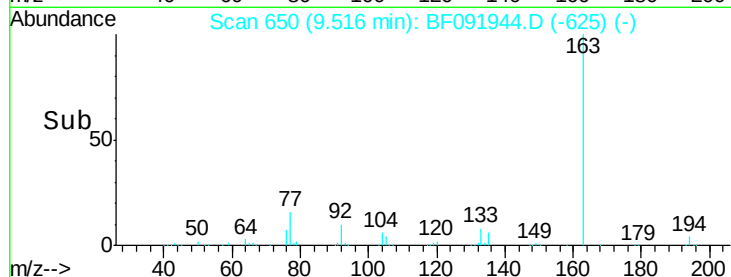
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.47 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

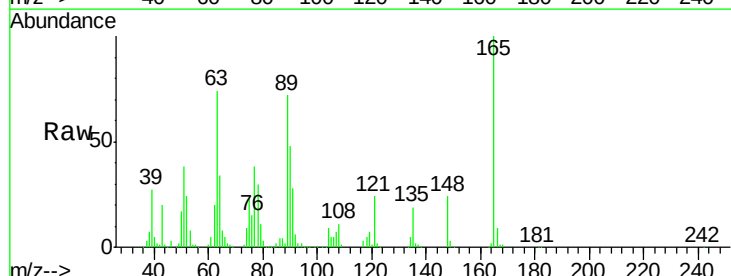
Tgt Ion:165 Resp: 250923

Ion Ratio Lower Upper

165 100

63 74.1 36.2 54.4#

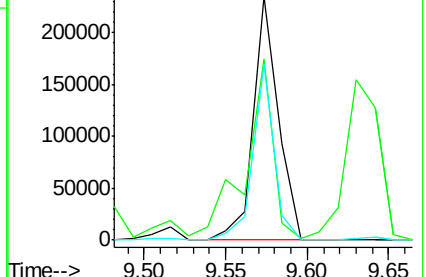
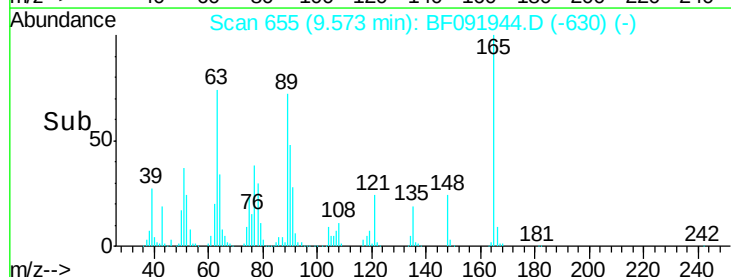
89 72.0 40.2 60.4#

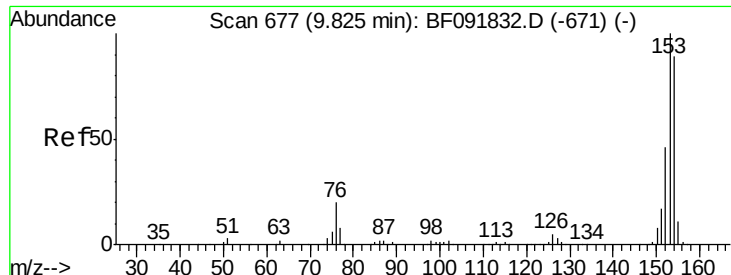


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

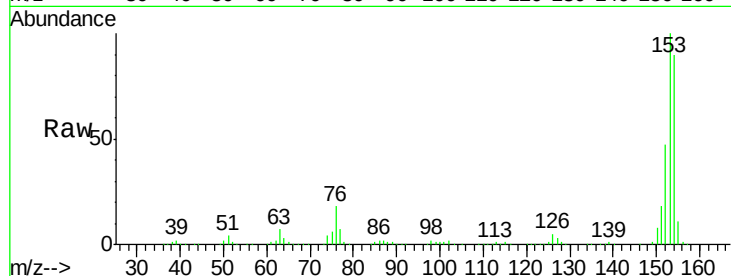
Tgt Ion:154 Resp: 1014245

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

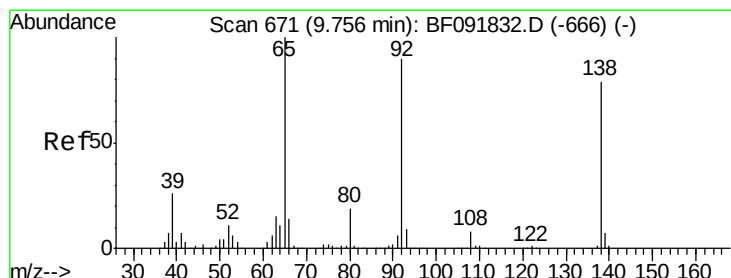
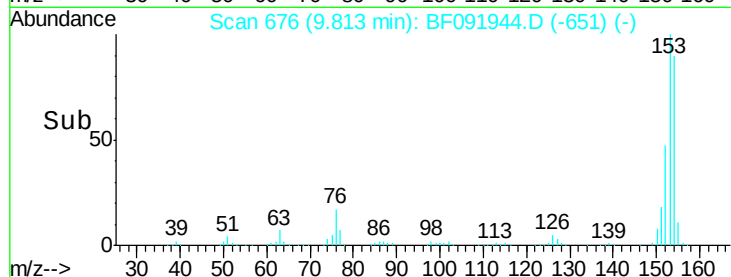
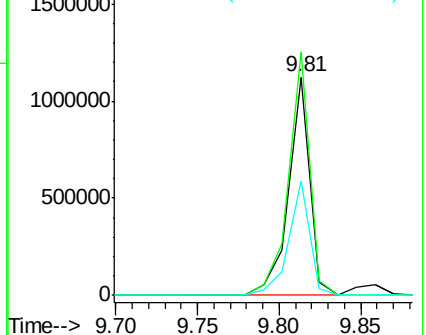
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.52 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

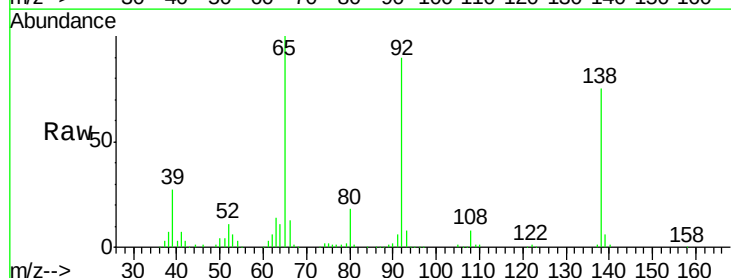
Tgt Ion:138 Resp: 123674

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

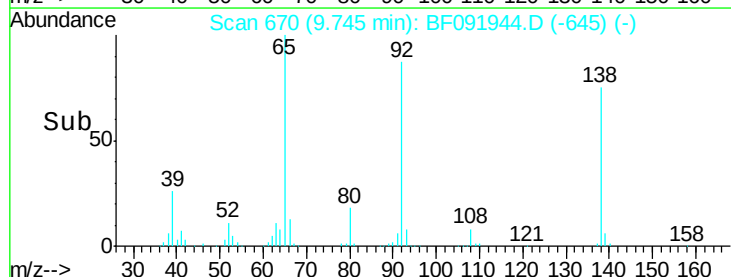
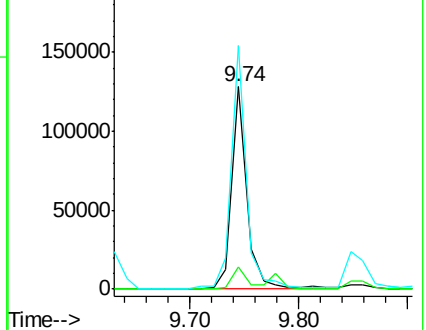
92 120.5 97.8 146.8

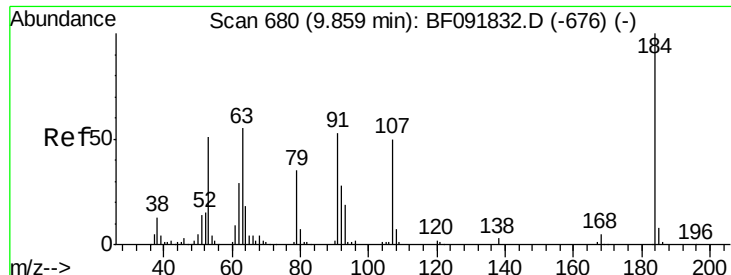


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

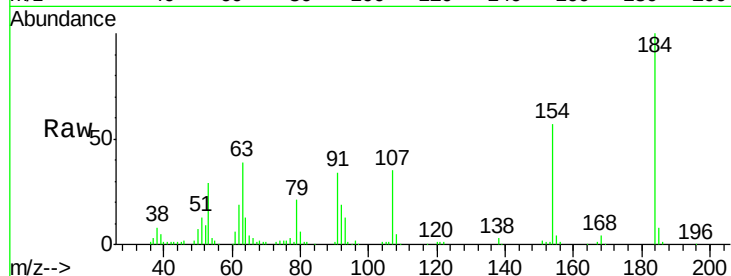




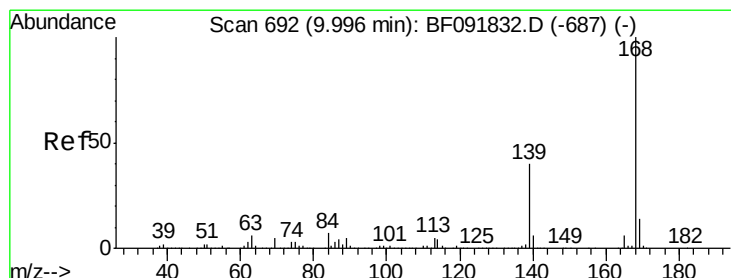
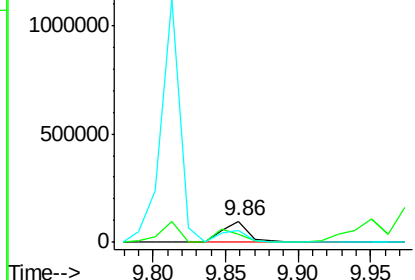
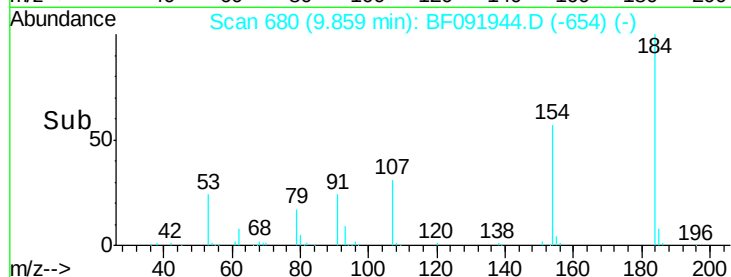
#53
 2,4-Dinitrophenol
 Concen: 36.42 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:184 Resp: 122636
 Ion Ratio Lower Upper
 184 100
 63 39.1 28.4 42.6
 154 57.1 44.3 66.5

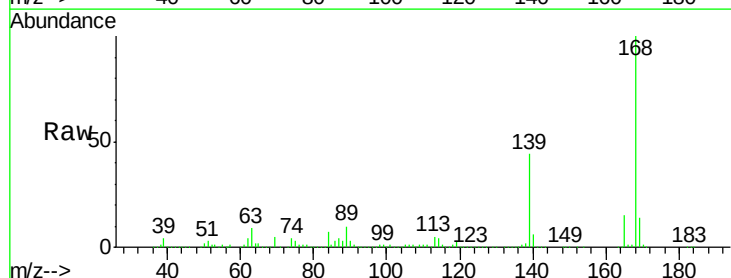


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

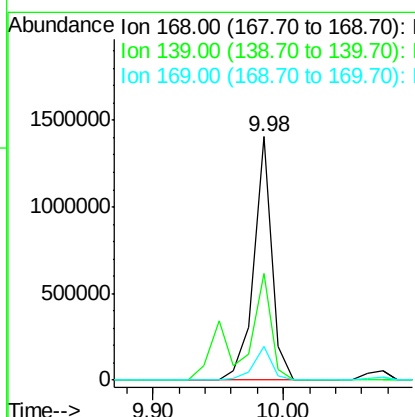
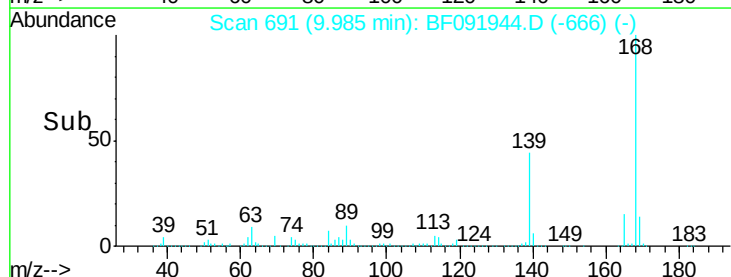


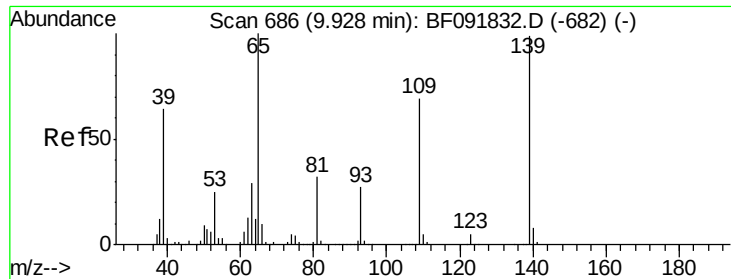
#54
 Dibenzofuran
 Concen: 40.83 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:168 Resp: 1347409
 Ion Ratio Lower Upper
 168 100
 139 43.8 32.6 49.0
 169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

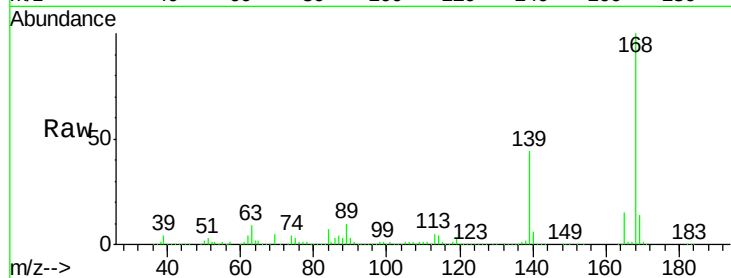




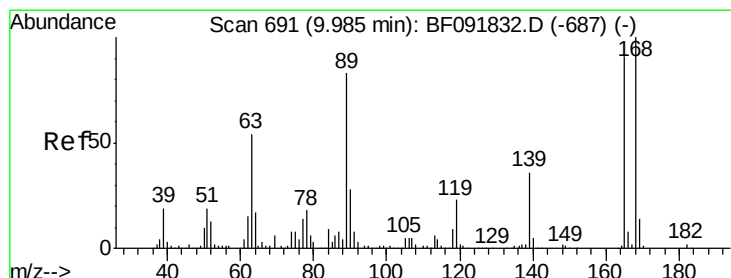
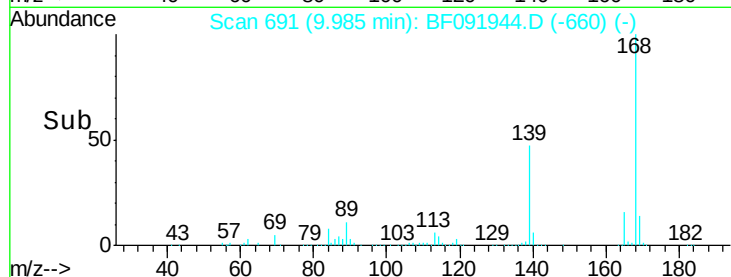
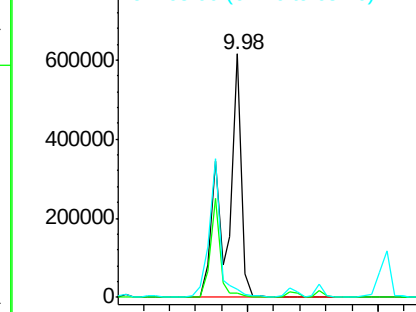
#55
4-Nitrophenol
Concen: 182.82 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.06 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:139 Resp: 929528
Ion Ratio Lower Upper
139 100
109 1.8 52.2 92.2#
65 3.5 85.8 125.8#



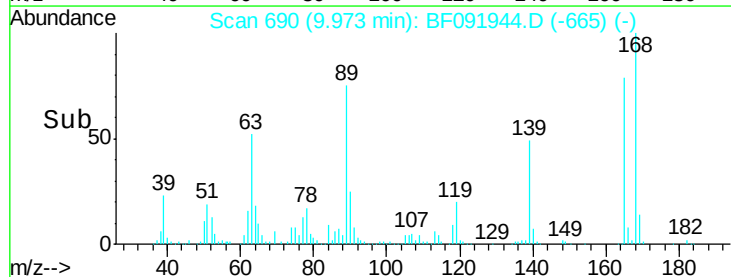
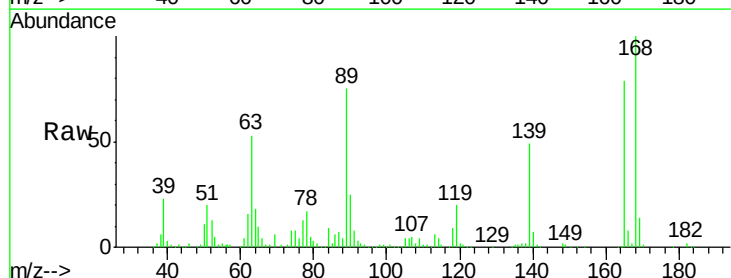
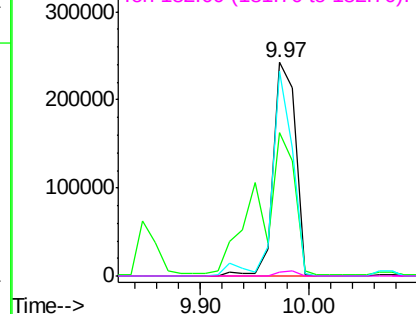
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

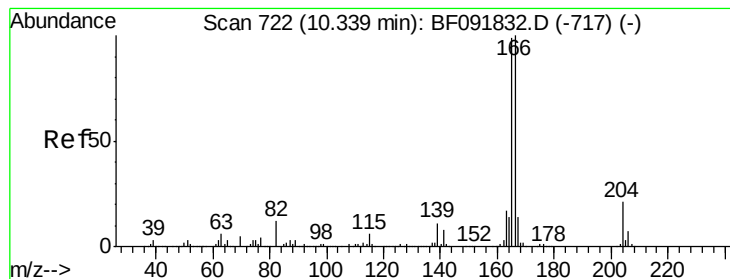


#56
2,4-Dinitrotoluene
Concen: 45.22 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:165 Resp: 343402
Ion Ratio Lower Upper
165 100
63 66.9 40.2 60.4#
89 96.0 62.5 93.7#
182 2.1 1.8 2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.25 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

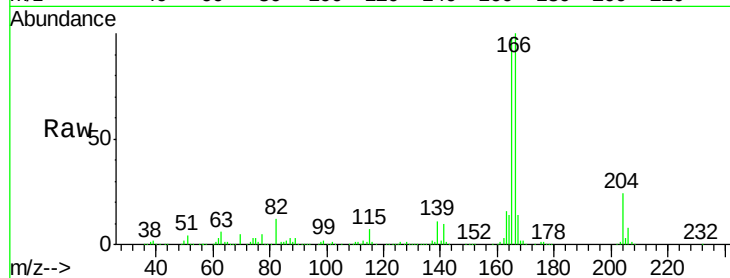
Tgt Ion:166 Resp: 1086600

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

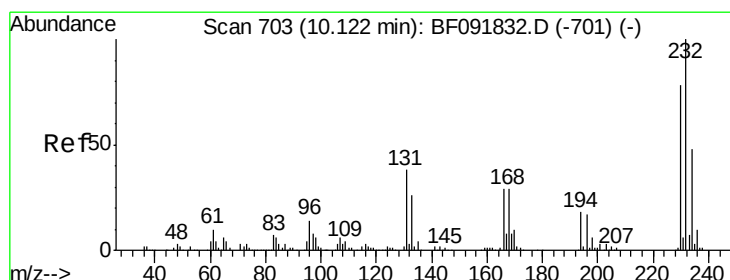
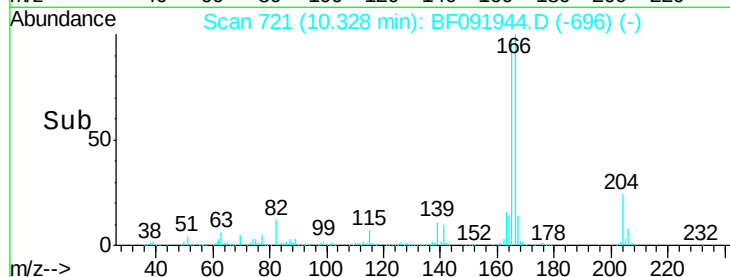
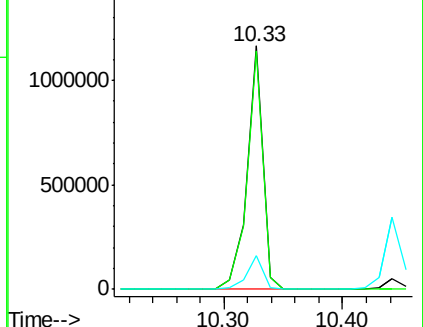
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.14 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion:232 Resp: 255722

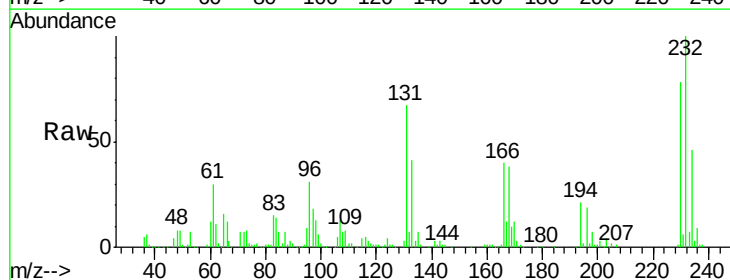
Ion Ratio Lower Upper

232 100

131 51.1 40.1 60.1

130 2.4 1.8 2.8

166 32.8 26.6 39.8

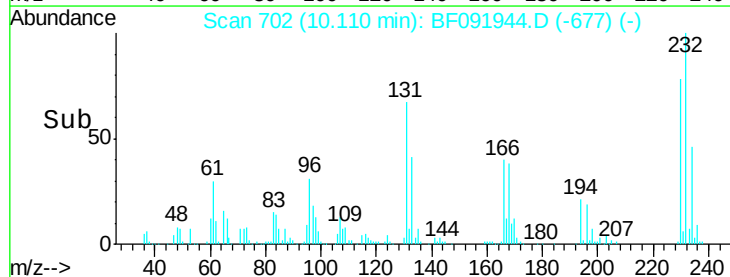
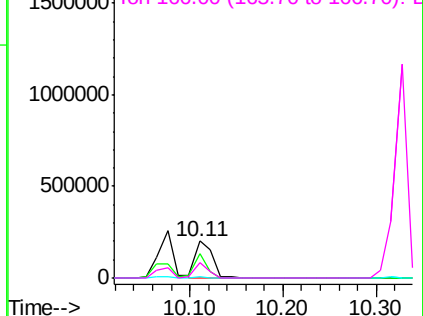


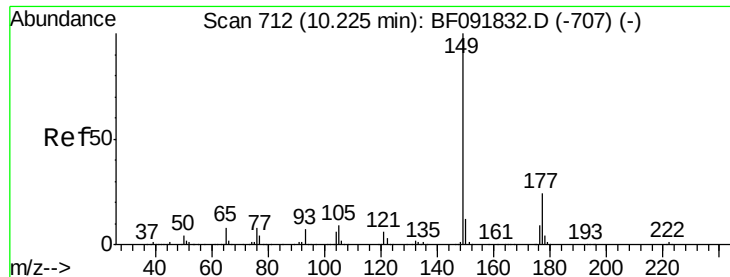
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

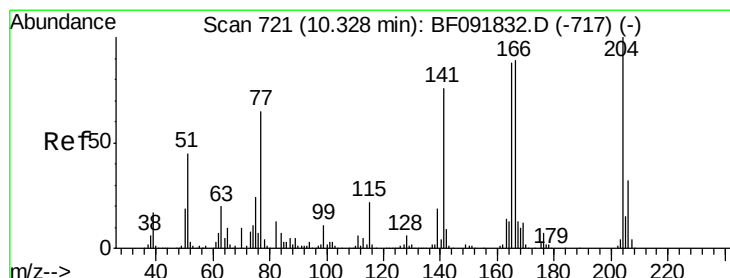
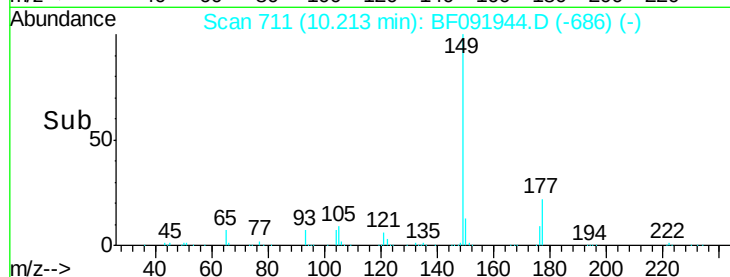
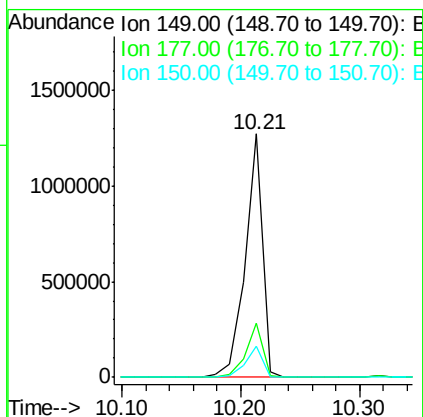
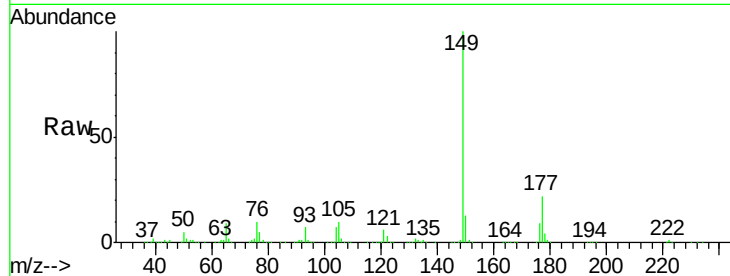




#59
Diethylphthalate
Concen: 48.10 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

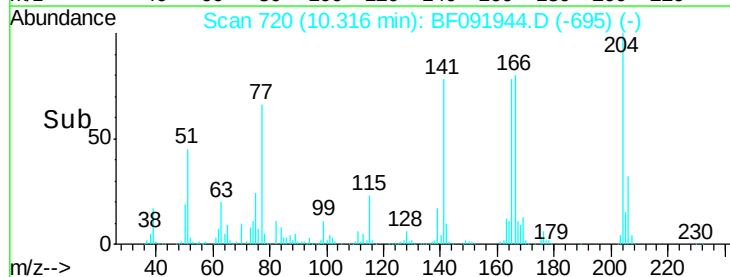
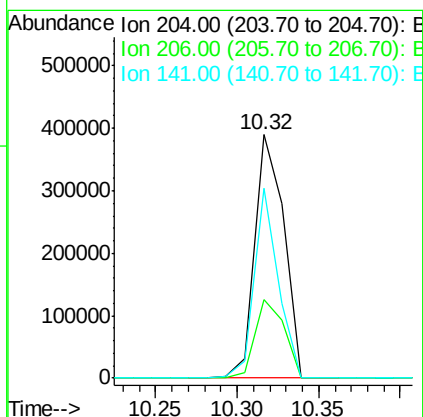
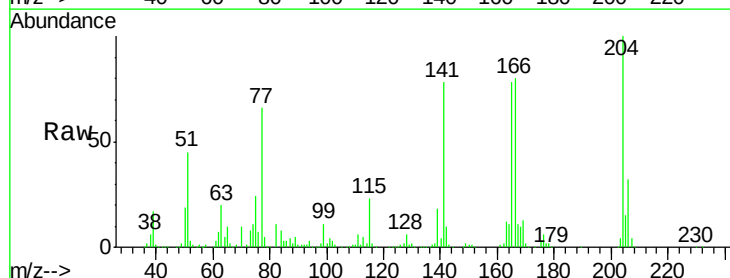
Instrument :
BNA_F
ClientSampleId :
PB95595BS

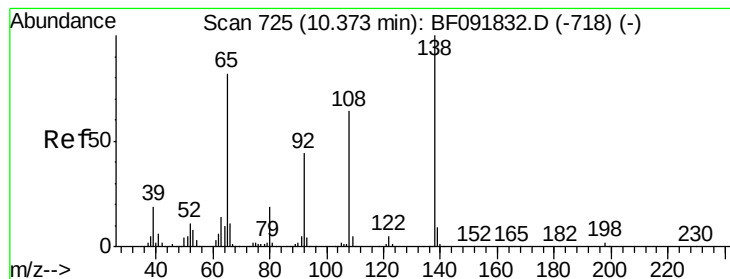
Tgt Ion:149 Resp: 1291296
Ion Ratio Lower Upper
149 100
177 22.2 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 46.07 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:204 Resp: 484325
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 78.0 59.4 89.0





#61

4-Nitroaniline

Concen: 29.87 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

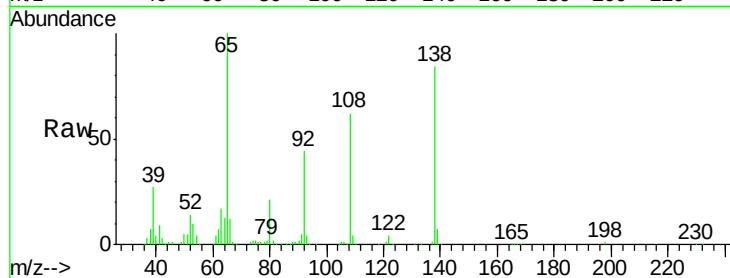
Tgt Ion:138 Resp: 231771

Ion Ratio Lower Upper

138 100

92 52.3 31.7 71.7

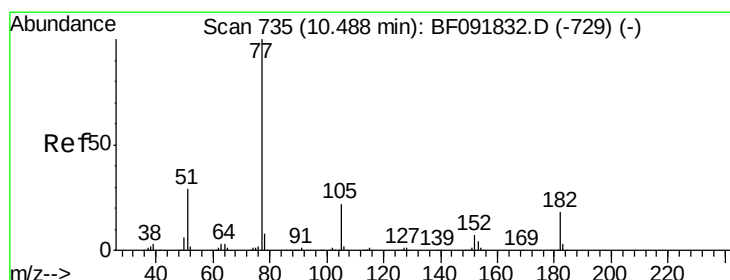
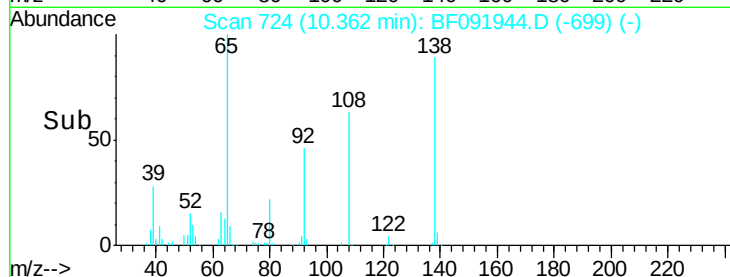
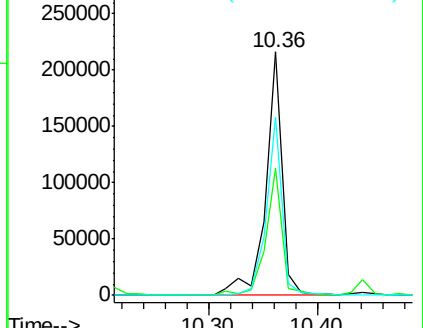
108 73.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.85 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion: 77 Resp: 1296313

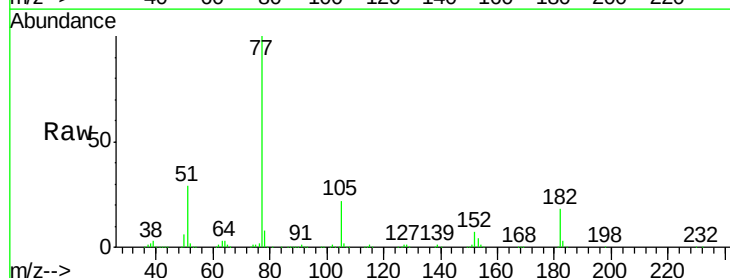
Ion Ratio Lower Upper

77 100

182 18.2 0.0 39.3

105 21.7 2.3 42.3

51 29.0 8.9 48.9

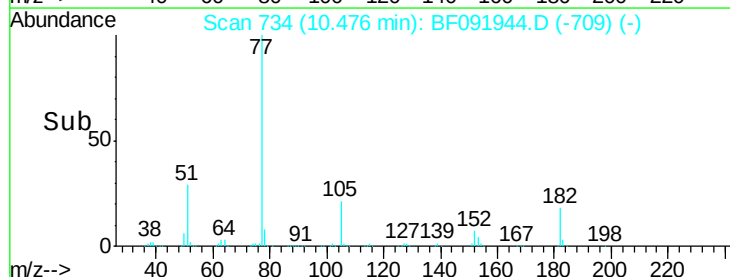
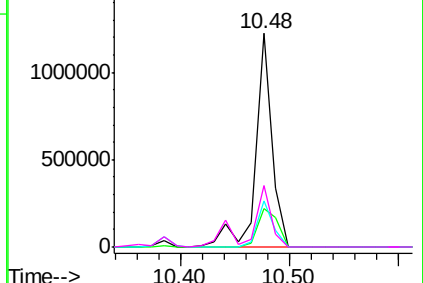


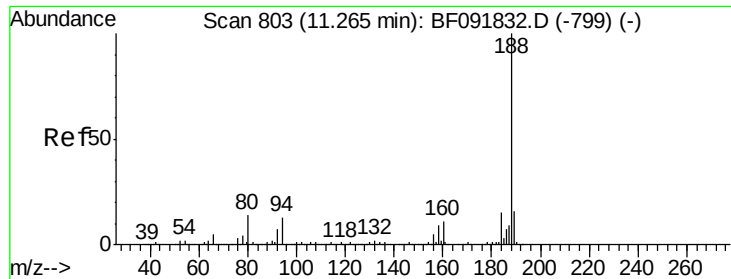
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

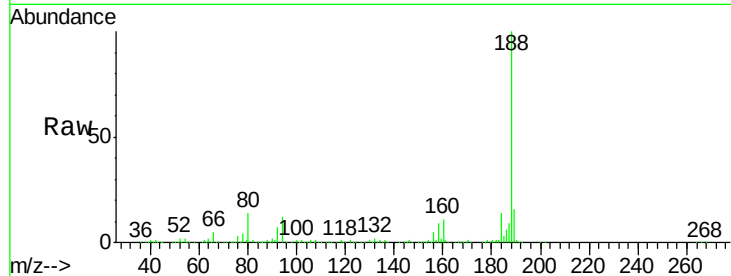
Tgt Ion:188 Resp: 629161

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

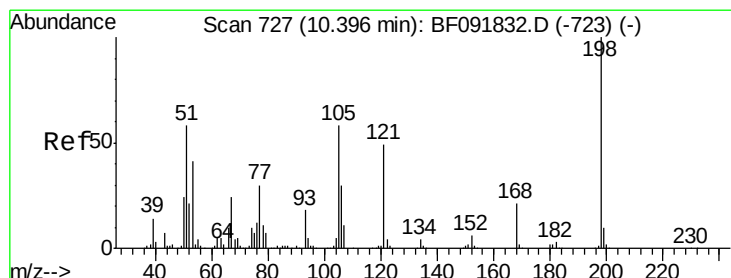
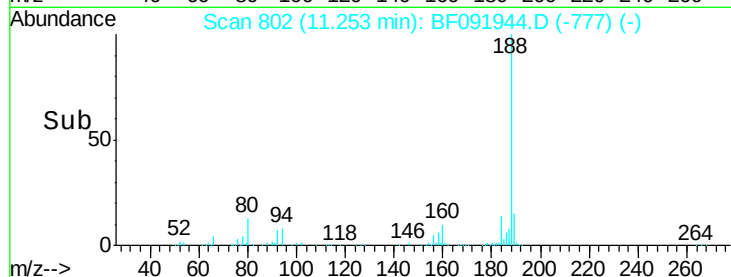
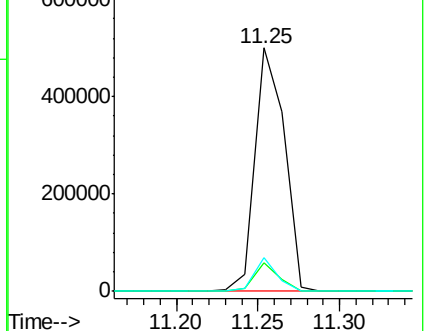
80 13.8 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.49 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

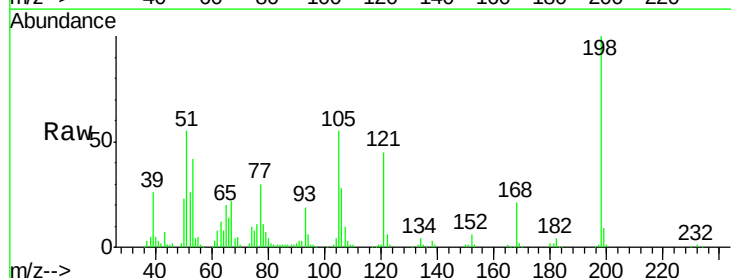
Tgt Ion:198 Resp: 108391

Ion Ratio Lower Upper

198 100

51 55.2 6.7 46.7#

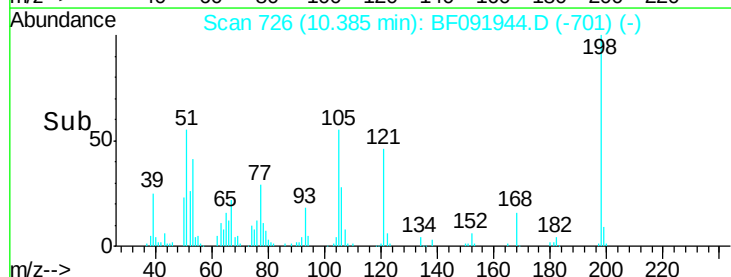
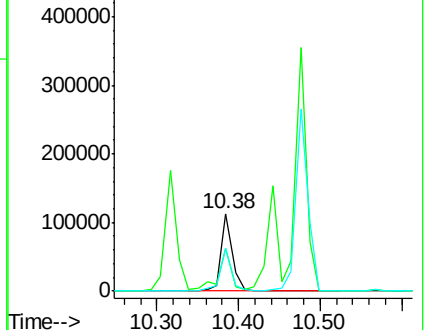
105 55.1 16.6 56.6

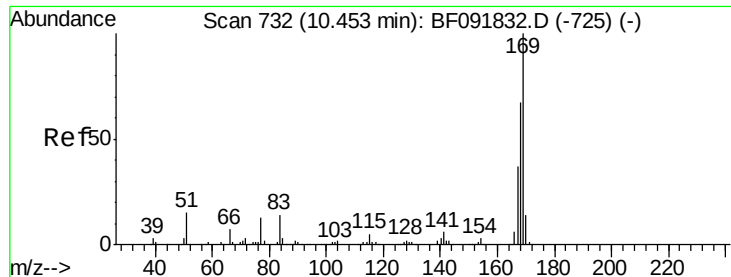


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

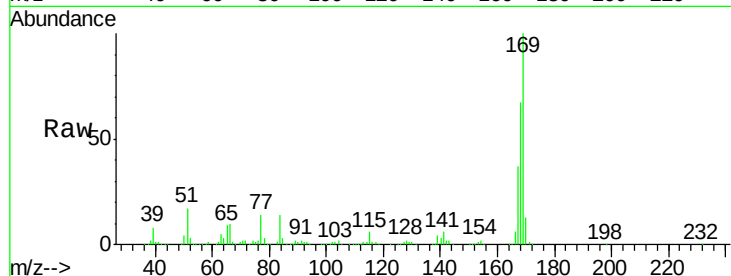




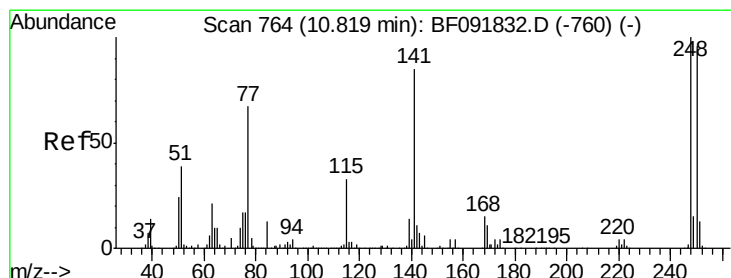
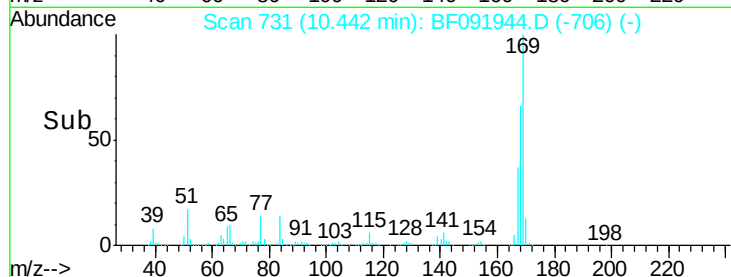
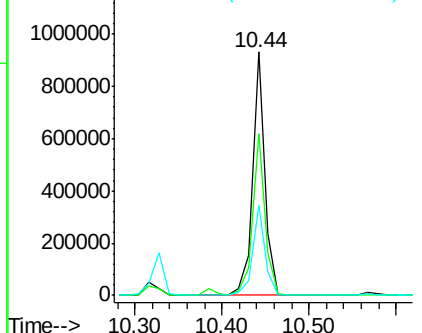
#65
 n-Nitrosodiphenylamine
 Concen: 49.83 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:169 Resp: 930364
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.2 81.2
 167 37.2 30.2 45.4

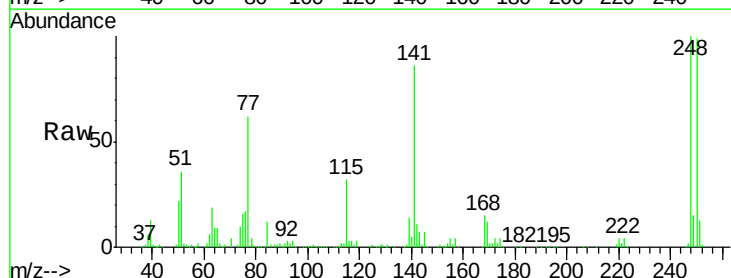


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

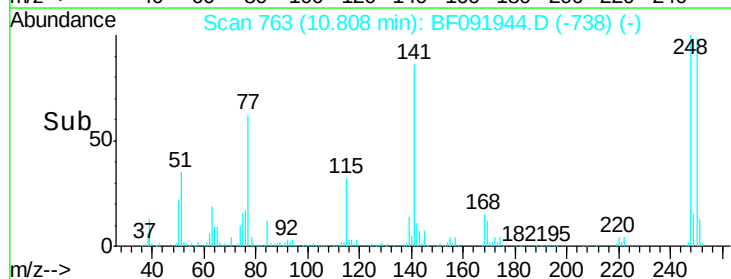
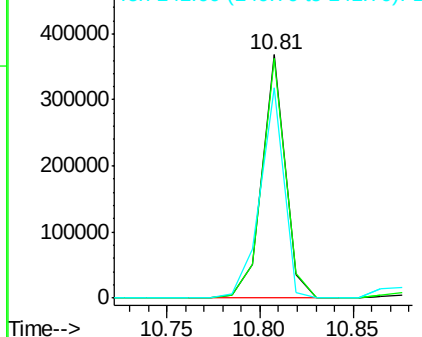


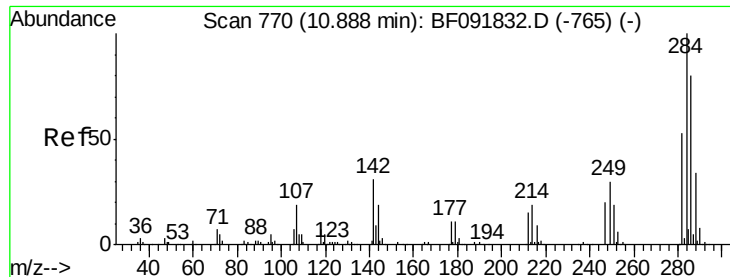
#66
 4-Bromophenyl-phenylether
 Concen: 48.39 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:248 Resp: 316673
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 86.2 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

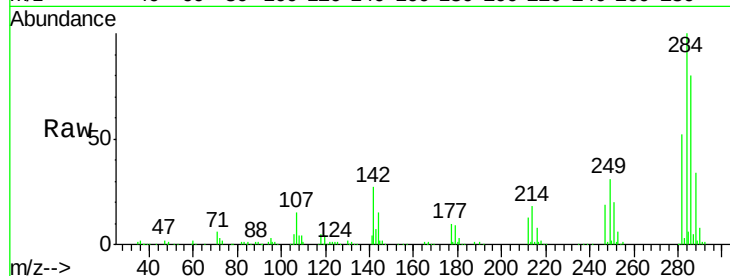




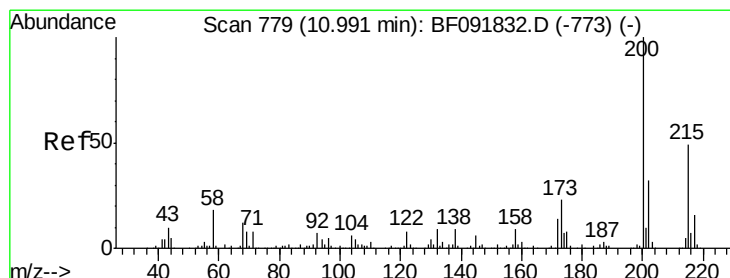
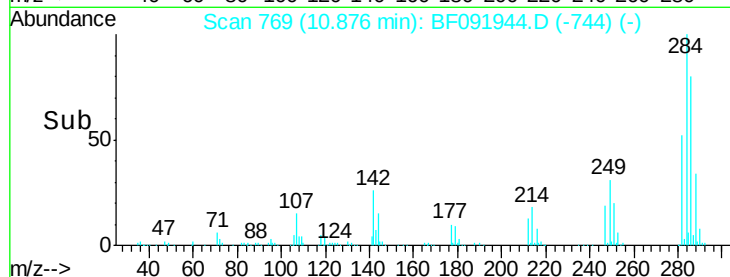
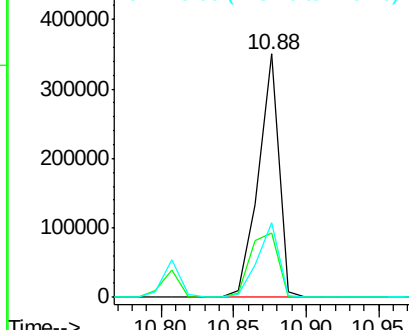
#67
Hexachlorobenzene
Concen: 49.27 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion: 284 Resp: 344685
Ion Ratio Lower Upper
284 100
142 26.6 22.6 33.8
249 30.8 25.4 38.0

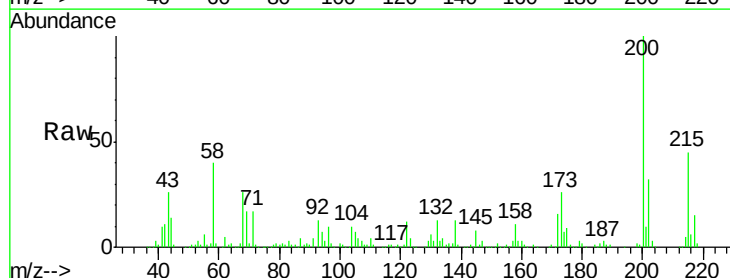


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

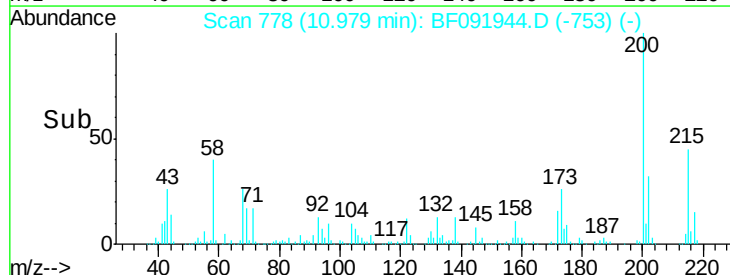
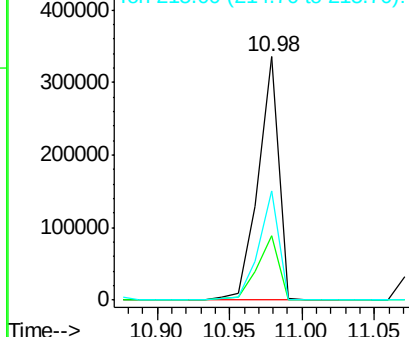


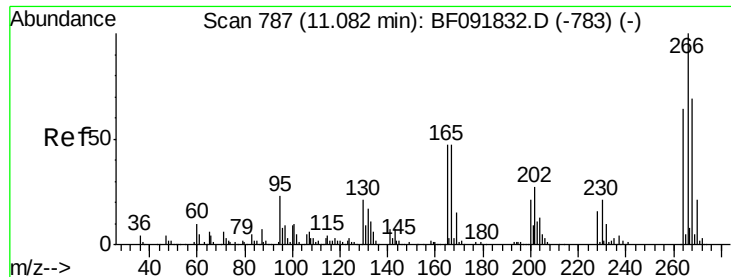
#68
Atrazine
Concen: 54.90 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 200 Resp: 330647
Ion Ratio Lower Upper
200 100
173 26.3 9.6 49.6
215 44.7 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

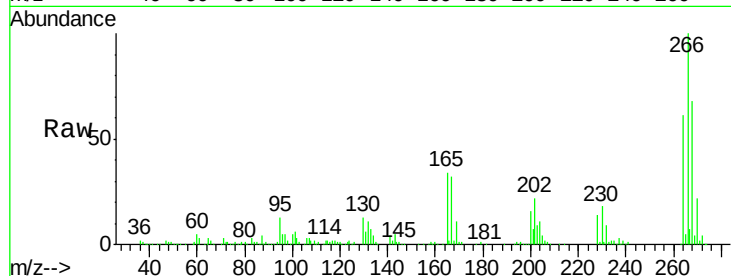




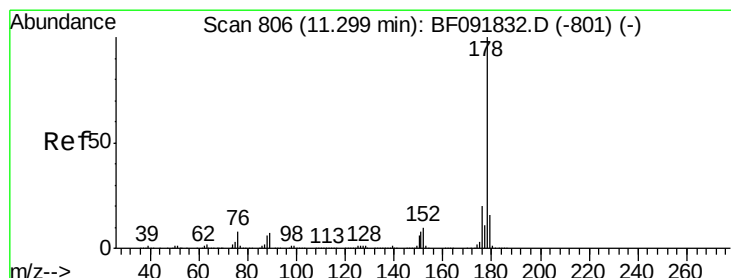
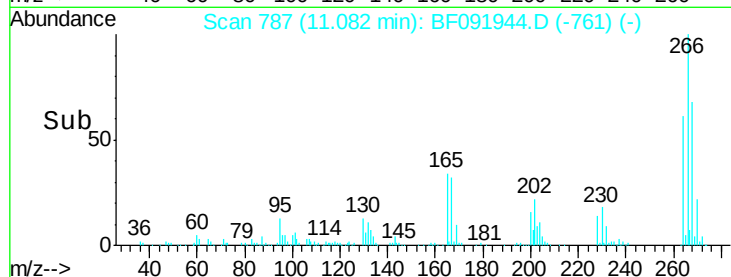
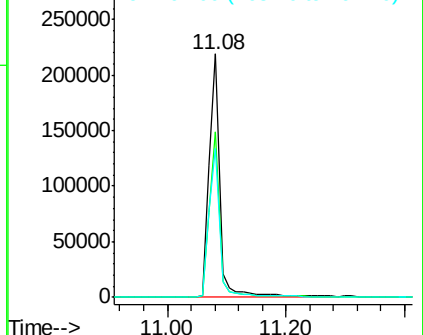
#69
 Pentachlorophenol
 Concen: 80.85 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion: 266 Resp: 277539
 Ion Ratio Lower Upper
 266 100
 268 67.9 53.3 79.9
 264 61.3 50.3 75.5

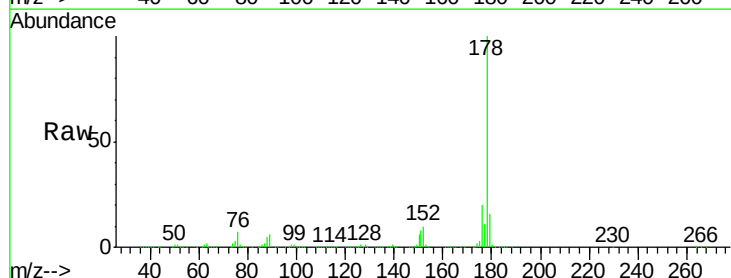


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

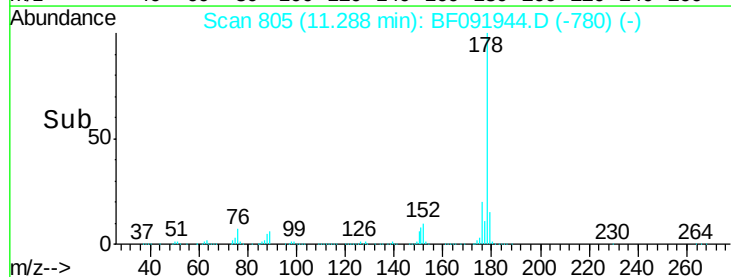
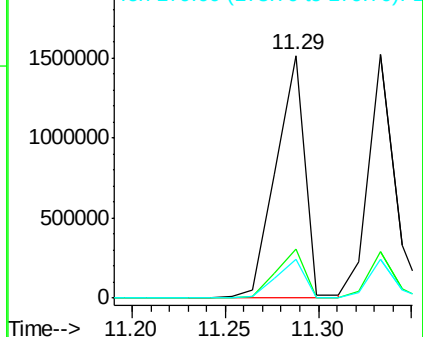


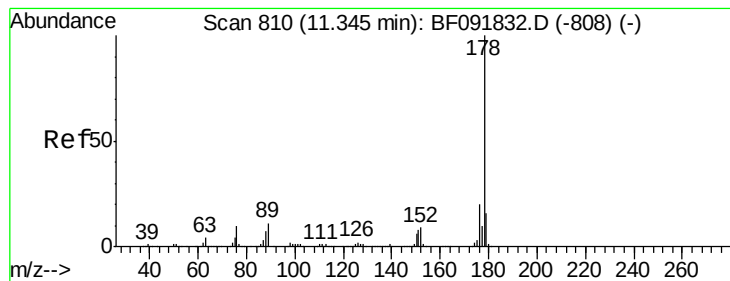
#70
 Phenanthrene
 Concen: 47.78 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion: 178 Resp: 1630078
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.93 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

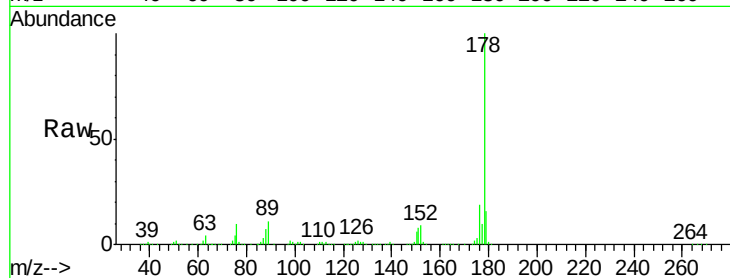
Tgt Ion:178 Resp: 1435942

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

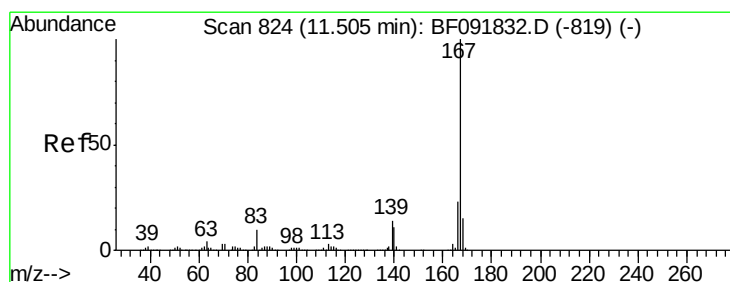
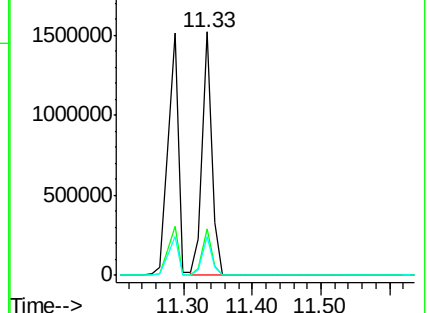
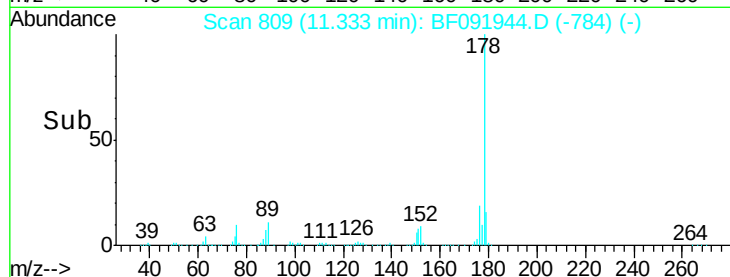
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.28 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

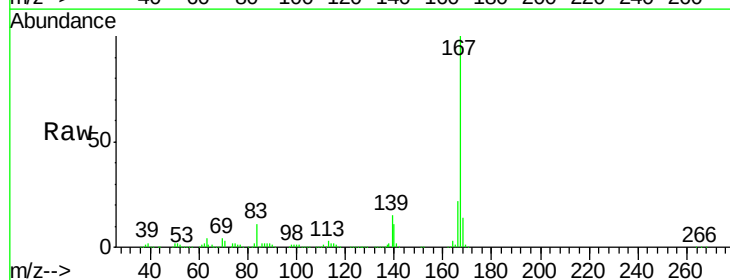
Tgt Ion:167 Resp: 1283835

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

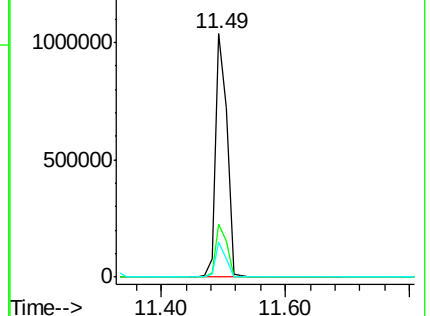
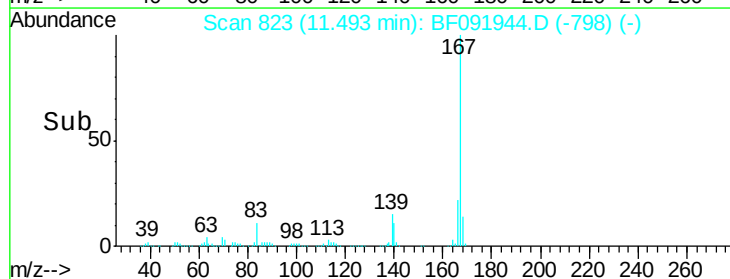
139 14.6 11.4 17.2

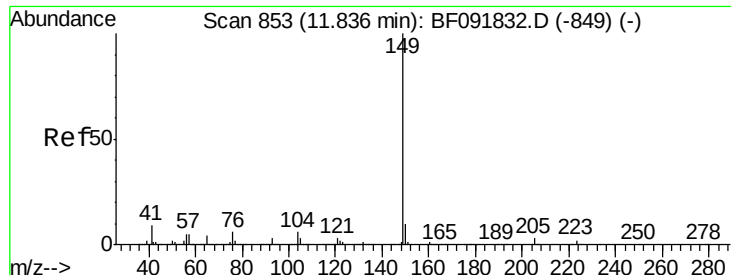


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.14 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

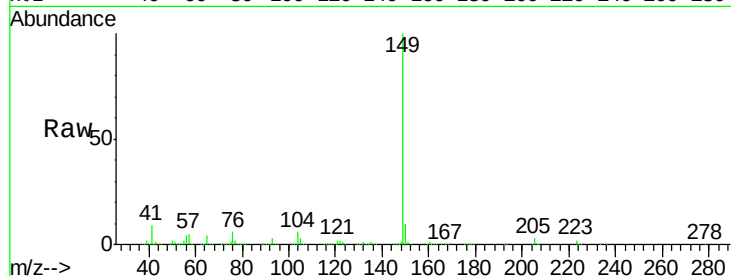
Tgt Ion:149 Resp: 1664334

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

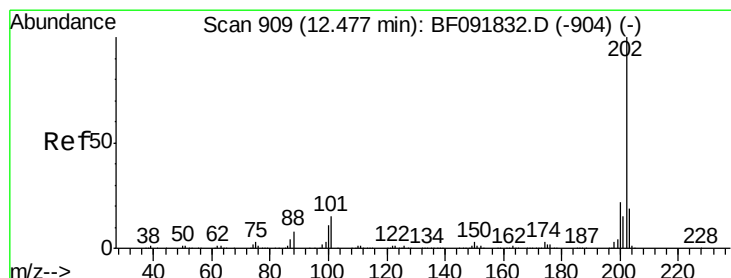
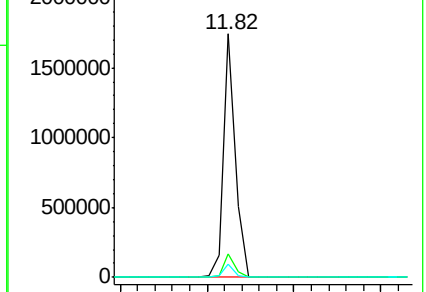
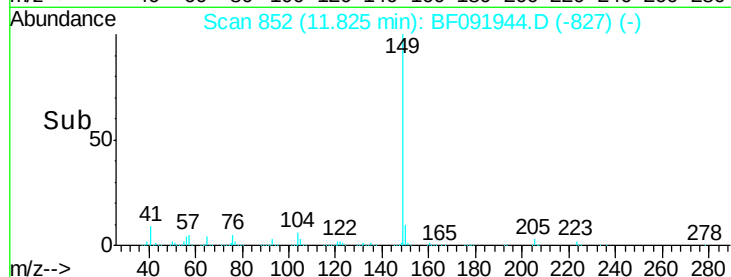
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.92 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

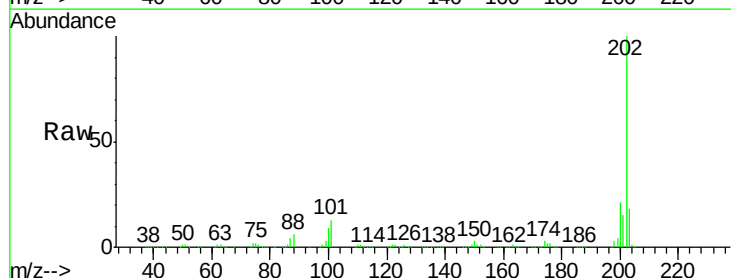
Tgt Ion:202 Resp: 1289855

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

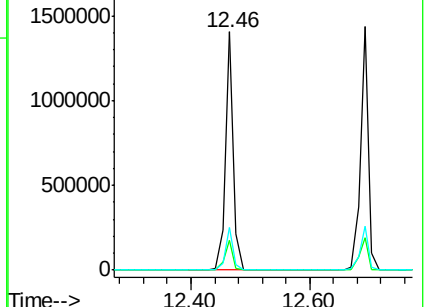
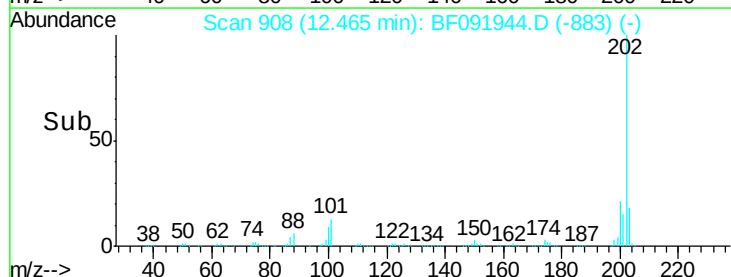
203 17.9 0.0 38.7

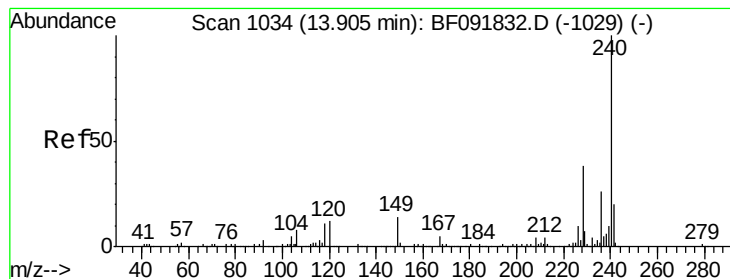


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

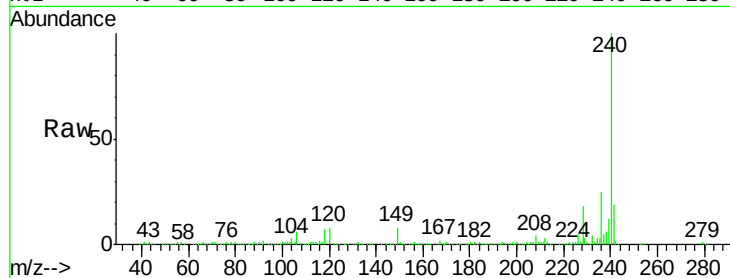
Tgt Ion:240 Resp: 394273

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

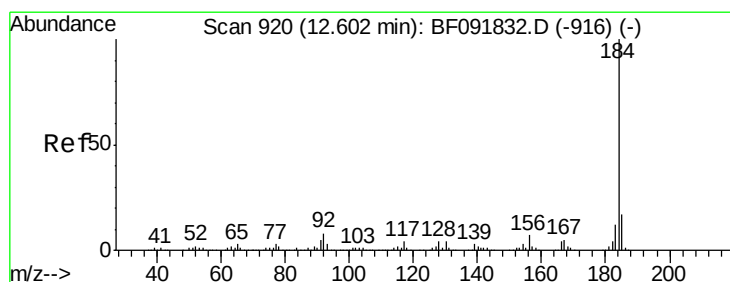
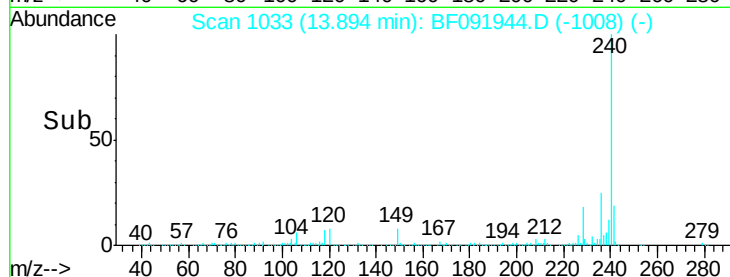
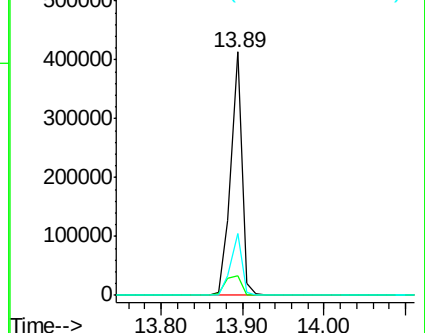
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.08 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

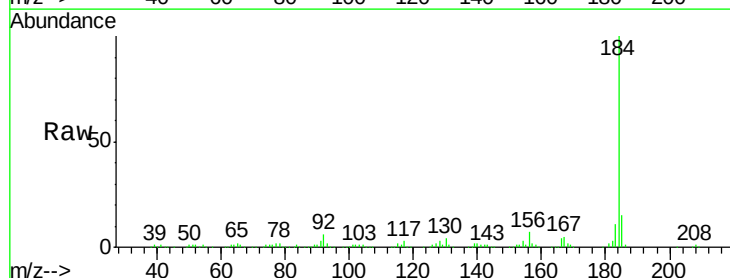
Tgt Ion:184 Resp: 475012

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

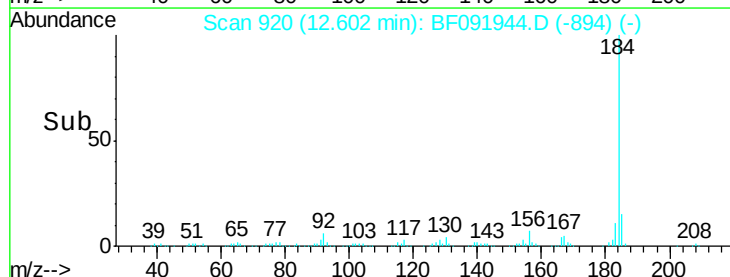
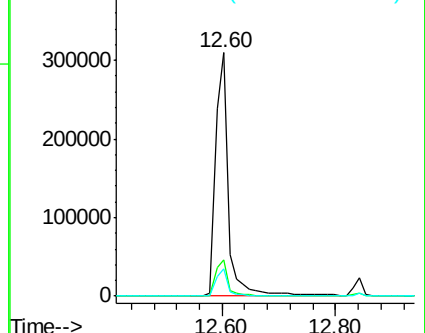
183 11.3 9.2 13.8

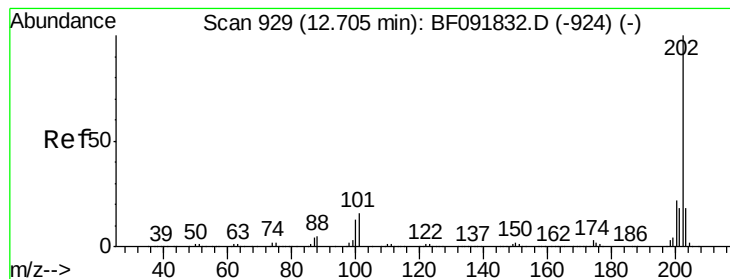


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.02 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

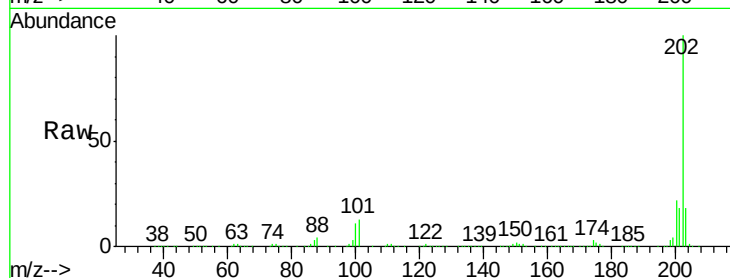
Tgt Ion:202 Resp: 1331284

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

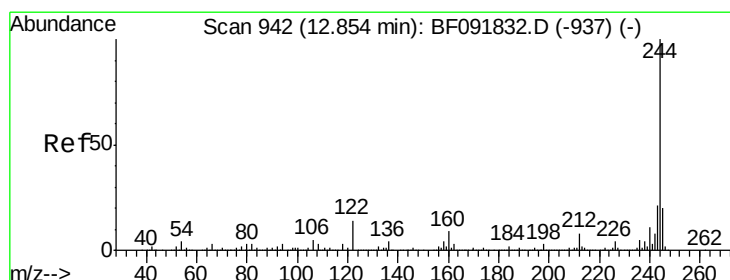
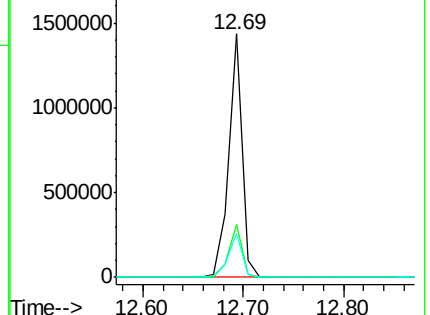
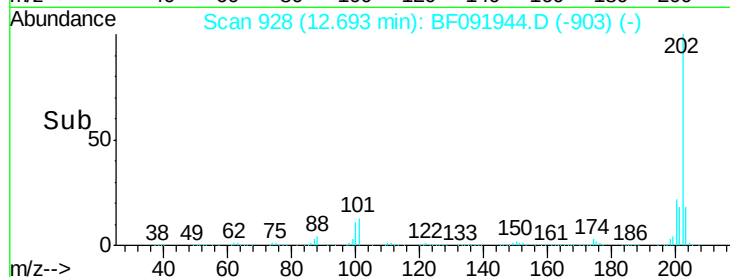
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.62 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

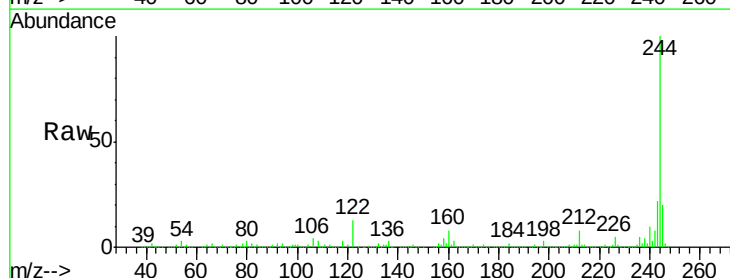
Tgt Ion:244 Resp: 1522048

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

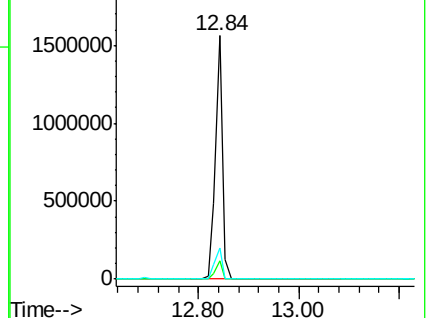
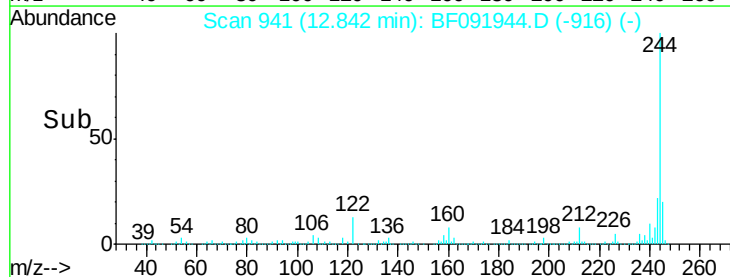
122 12.6 11.4 17.2

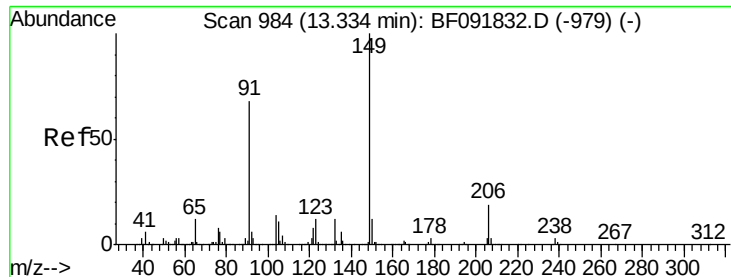


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

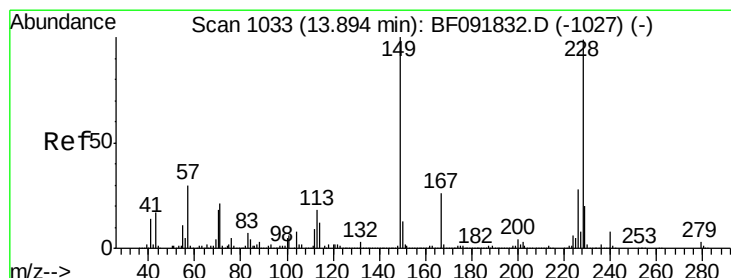
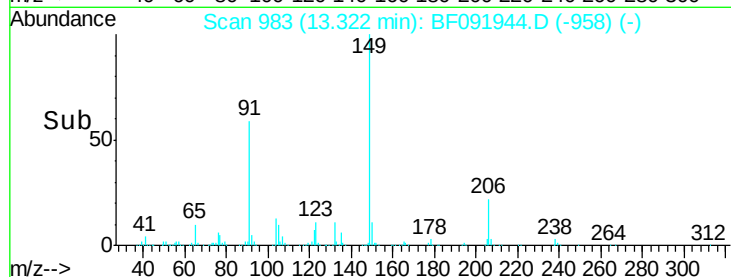
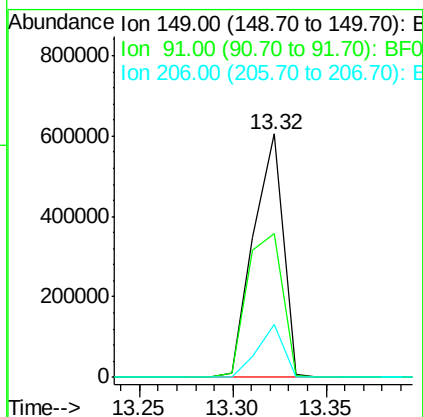
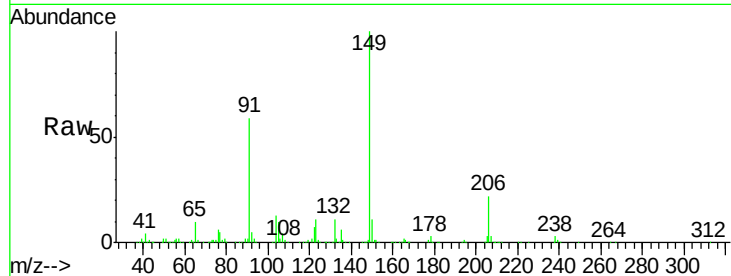




#79
Butylbenzylphthalate
Concen: 50.50 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

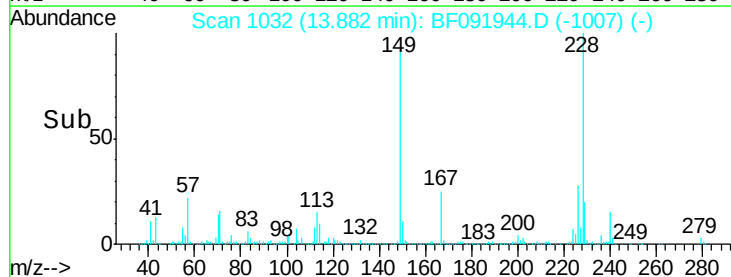
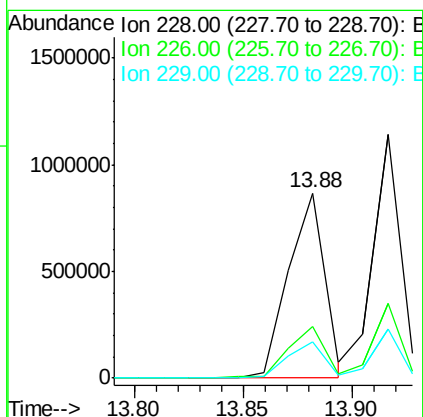
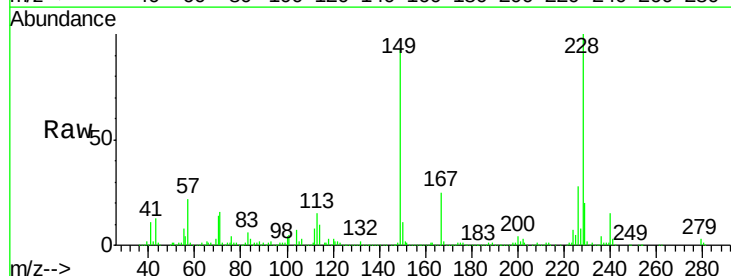
Instrument :
BNA_F
ClientSampleId :
PB95595BS

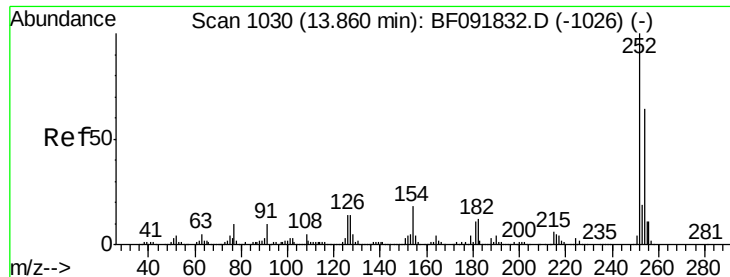
Tgt Ion:149 Resp: 664450
Ion Ratio Lower Upper
149 100
91 59.2 63.9 95.9#
206 21.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.47 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:228 Resp: 1012023
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 19.6 16.2 24.4

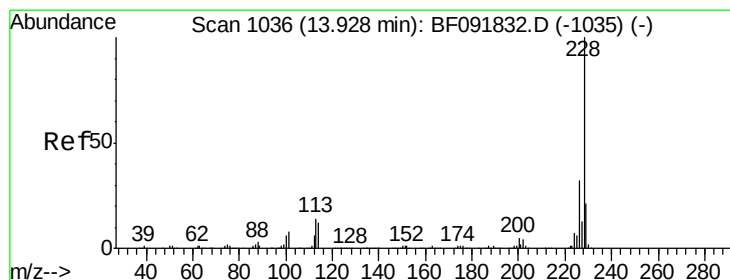
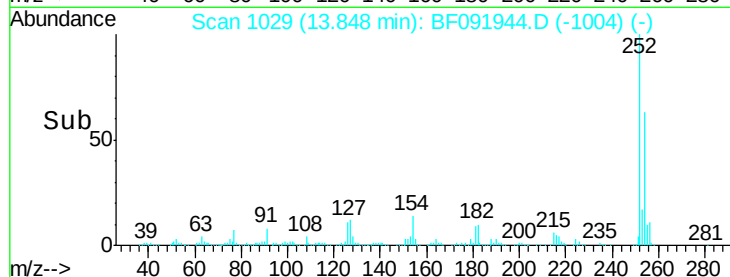
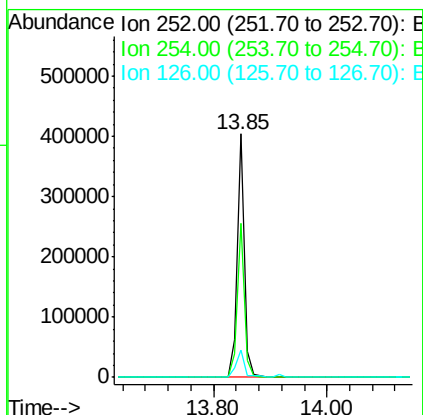
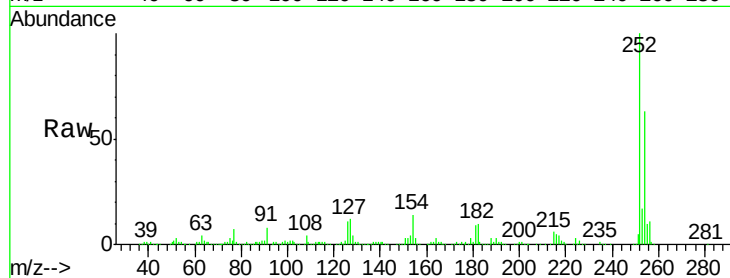




#81
 3,3'-Dichlorobenzidine
 Concen: 42.91 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

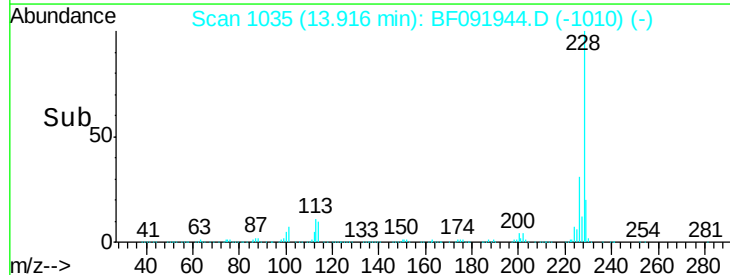
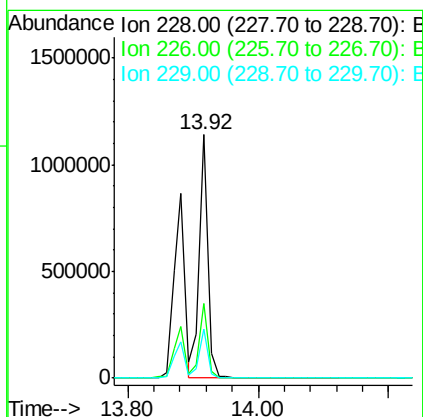
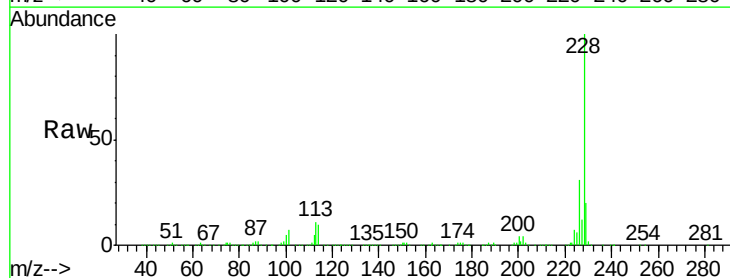
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

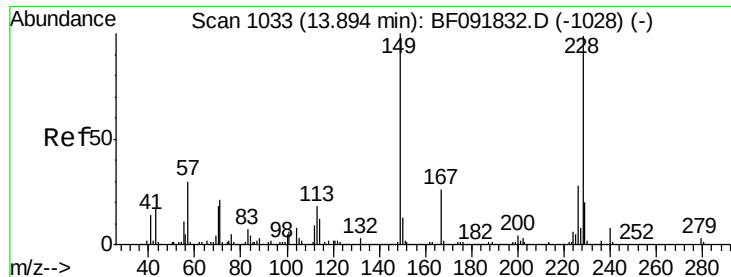
Tgt Ion: 252 Resp: 362138
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.3 78.5
 126 11.1 13.6 20.4#



#82
 Chrysene
 Concen: 45.65 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion: 228 Resp: 1019033
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.3 16.2 24.2

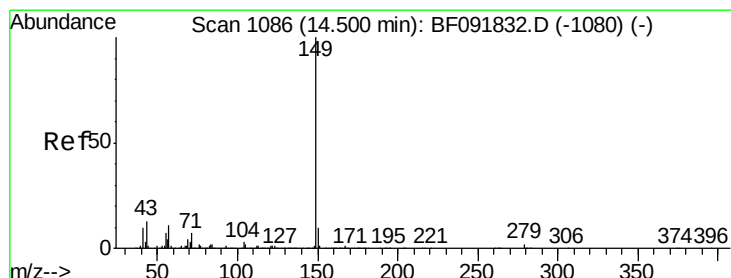
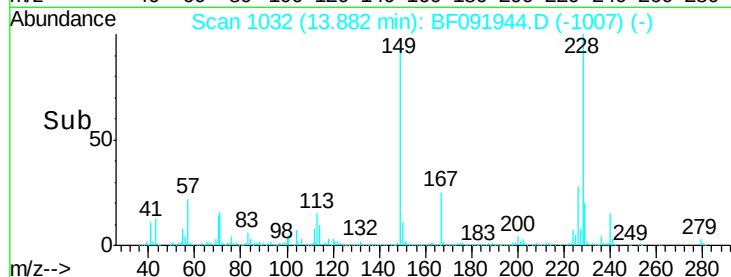
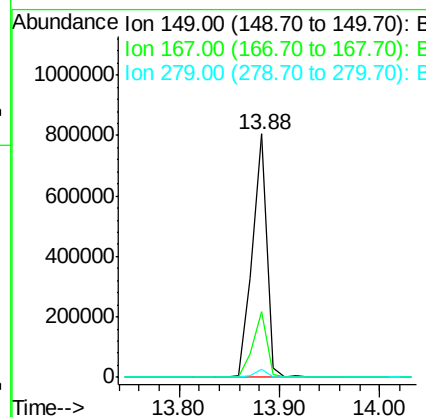
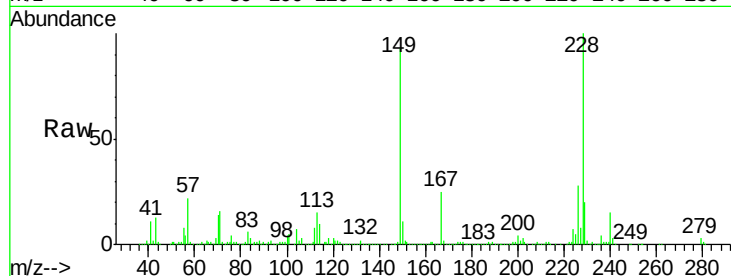




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.26 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

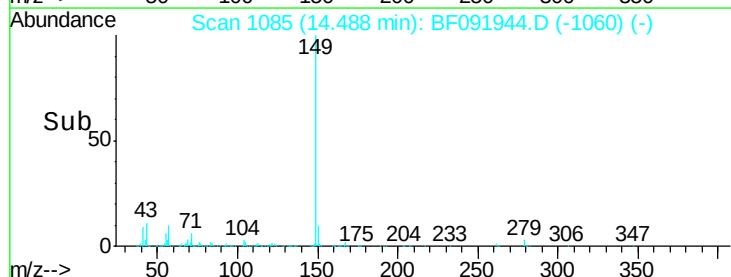
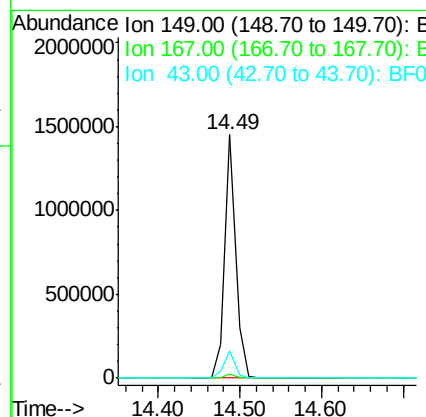
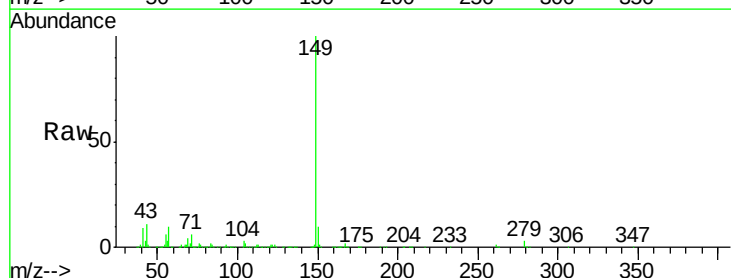
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

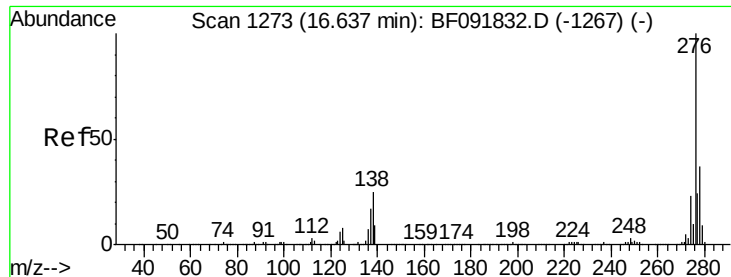
Tgt Ion:149 Resp: 809726
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 47.19 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:149 Resp: 1354515
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

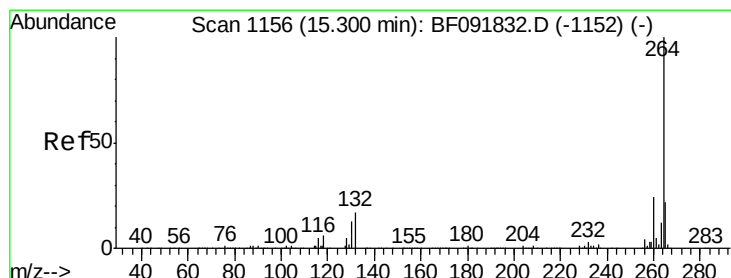
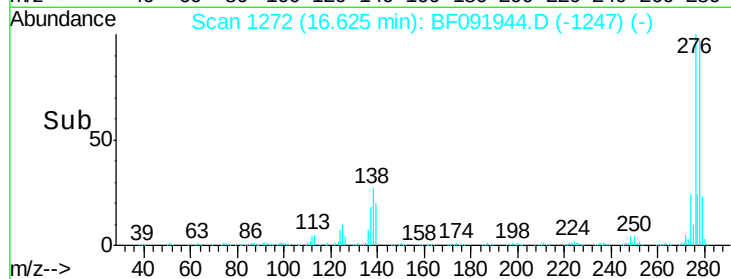
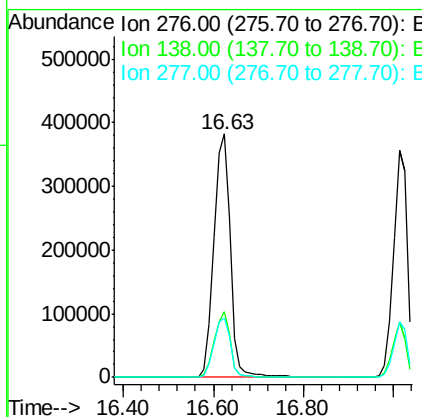
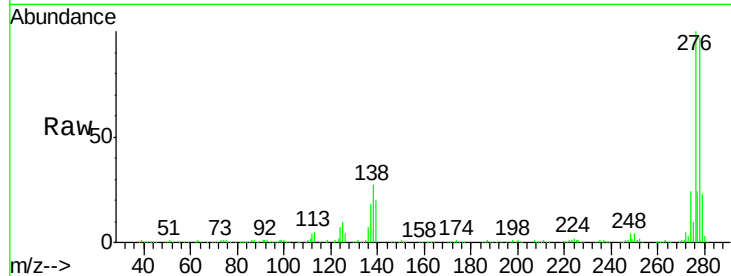




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.47 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

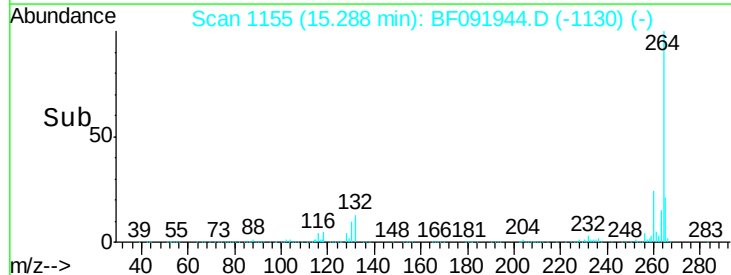
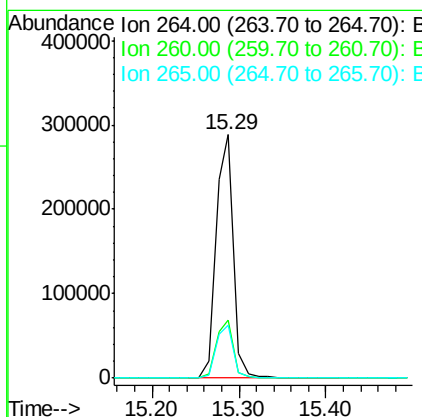
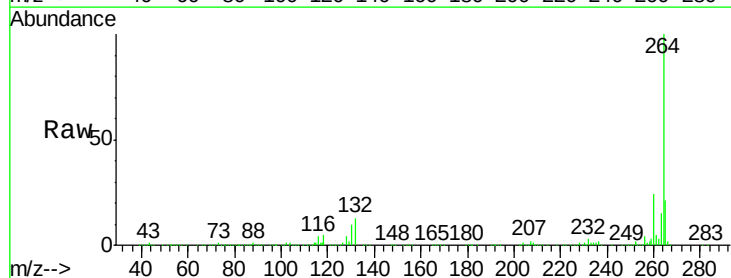
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

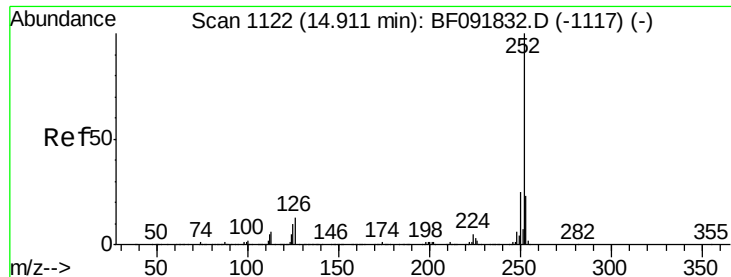
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.4	26.0

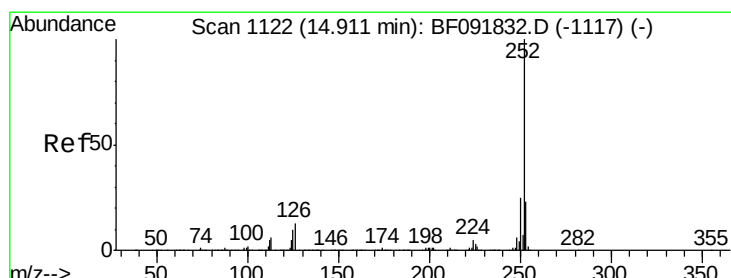
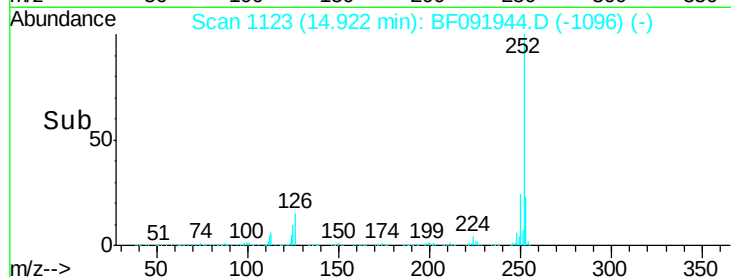
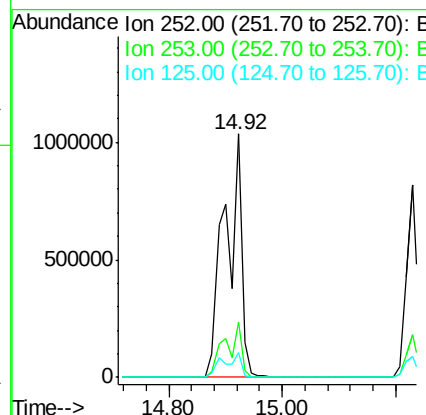
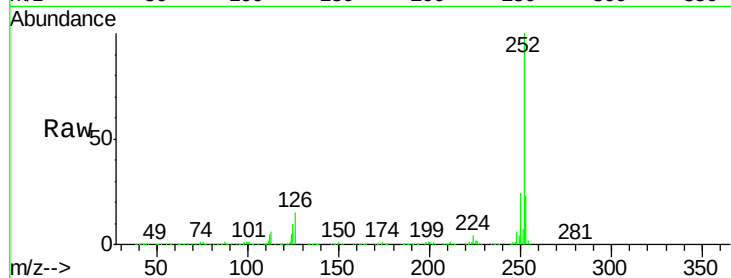




#87
Benzo(b)fluoranthene
Concen: 84.97 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

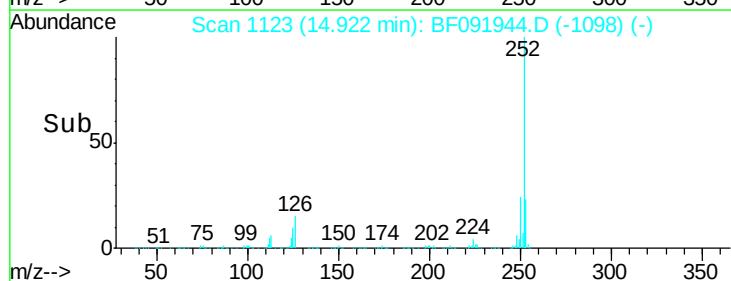
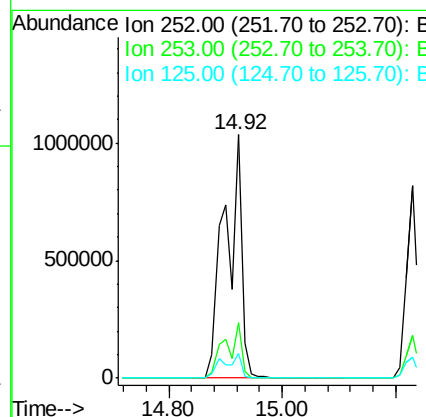
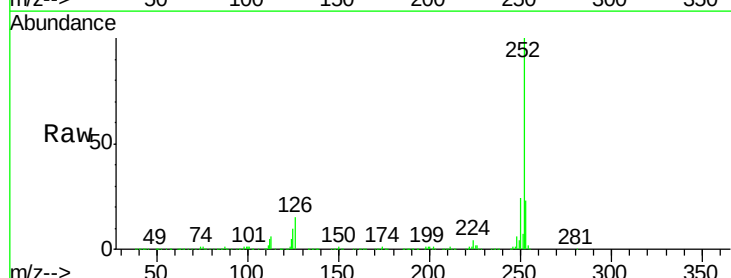
Instrument :
BNA_F
ClientSampleId :
PB95595BS

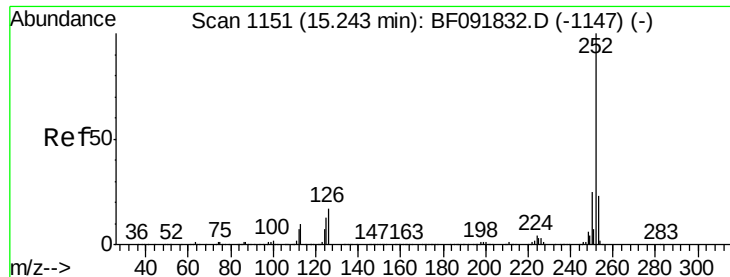
Tgt Ion:252 Resp: 2129605
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 99.64 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:252 Resp: 2129605
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 10.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.82 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

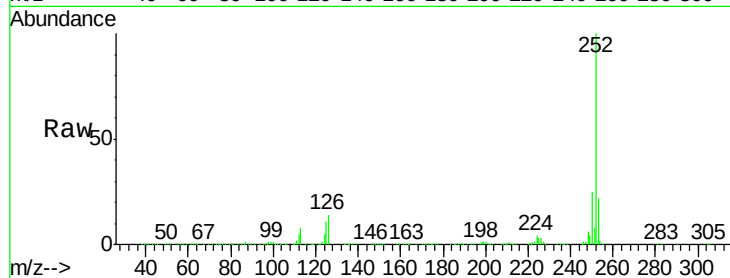
Tgt Ion:252 Resp: 1019233

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

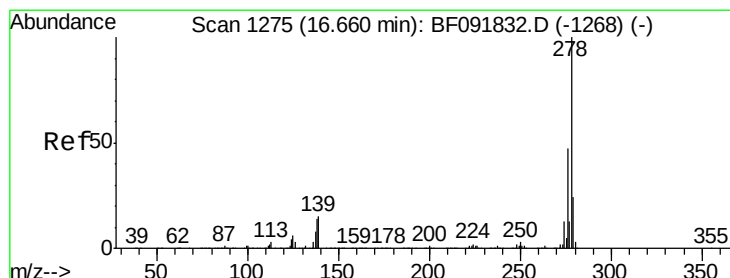
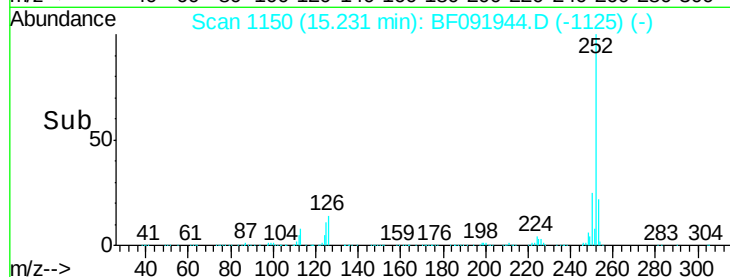
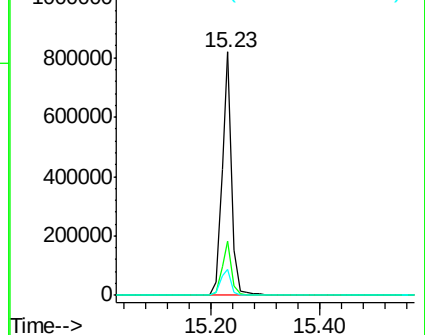
125 10.7 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.56 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

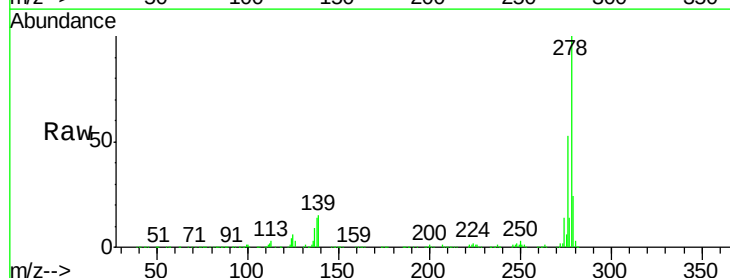
Tgt Ion:278 Resp: 814693

Ion Ratio Lower Upper

278 100

139 14.9 14.8 22.2

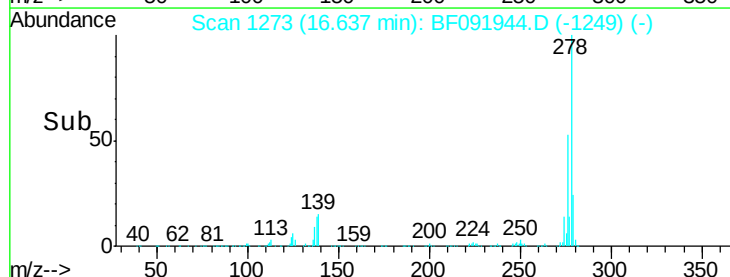
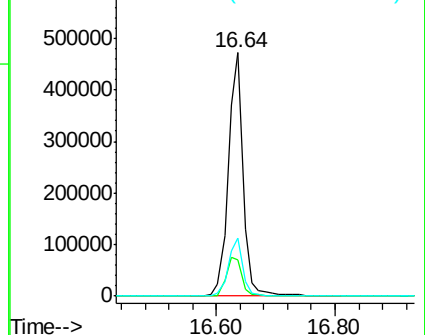
279 24.0 19.8 29.6

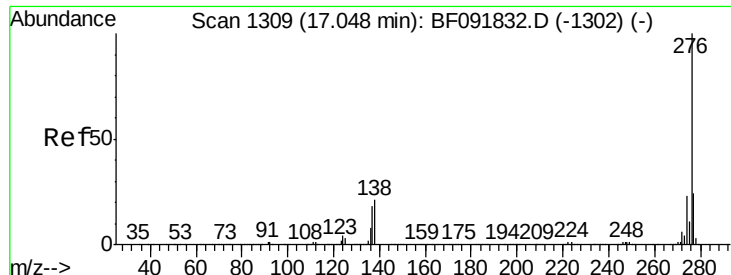


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.46 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF091944.D

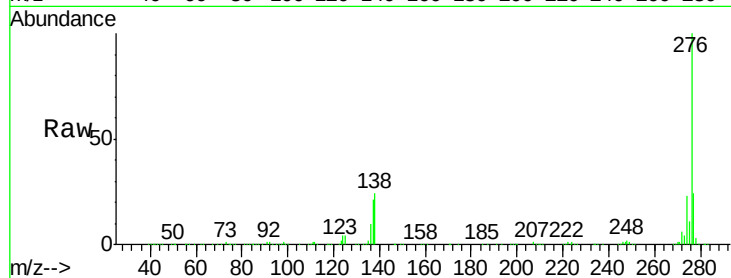
Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS



Tgt Ion:	276	Resp:	788297
Ion Ratio		Lower	Upper
276	100		
277	24.5	19.2	28.8
138	24.3	16.0	24.0

